

Arlington High School Building Committee

Meeting Date: Tuesday, June 2, 2020 - 6:00 pm
Location: Conducted by Remote Participation

Agenda

1. Skanska Update
2. Design Progress Update
3. Consigli Update
 - ◆ Demolition and abatement procurement
4. Subcommittee Reports
 - ◆ Communications
 - ◆ Finance
 - ◆ Interiors
 - ◆ Landscape & Exteriors
 - ◆ Memorials
 - ◆ SMEPPF
 - ◆ Security
 - ◆ Temp Use-Phasing
5. Approval of Minutes
 - ◆ April 7 & 21, May 12, 2020
6. New Business

The listings of matters are those reasonably anticipated by the Chair which may be discussed at the meeting. Not all items listed may in fact be discussed and other items not listed may also be brought up for discussion to the extent permitted by law.

Members of the public are asked to send written comment to ktassone@arlington.k12.ma.us. Documents regarding agenda items will be made available via the Town's website.

<https://www.mass.gov/doc/open-meeting-law-order-march-12-2020/download>

Topic: AHSBC Meeting

Time: Jun 2, 2020 06:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://zoom.us/j/96204204734>

Meeting ID: 962 0420 4734

One tap mobile

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Dial by your location

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+1 669 900 6833 US (San Jose)

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Meeting ID: 962 0420 4734

Find your local number: <https://zoom.us/j/abzASDMMpV>

ARLINGTON HIGH SCHOOL

STATUS REPORT - BUILDING COMMITTEE MEETING

OVERVIEW

- 1 Exterior memorials removed and stored.
- 2 Top soil stripping and stock piling. Completed at the West Parking lot (Peirce practice field) and construction staging area (softball field)
- 3 Top soil stripping of Phase 1 bldg. foot print is underway.
- 4 Utility relocations underway to allow for 36"/48" storm line work to commence
- 5 West parking lot, basketball court and extended staff parking preparation is ongoing.

SUMMARY

- 1 Utility structures (manholes) and piping are being fabricated and delivered to the site.
- 2 Procurement of materials (piles), design of ground improvements (RAPs) is occurring and will be installed once Eversource pwr to HS is relocated
- 3 Preparatory pre work operations (Pre op) planning meeting with each specific trade are occurring prior to their work commencing
- 4 Early Bid Package #3 (Interior fit out of the alt entrances & classrooms) subcontractor buyout is nearing completion.
- 5 EPB #3 ACM abatement is scheduled to start 06/08/20.
- 6 Early Bid Package #4, Phase 1 concrete and structural steel bids are due mid-June.
- 7

PROGRESS PHOTOS



PARMENTER SCHOOL STATUS REPORT - BUILDING COMMITTEE MEETING

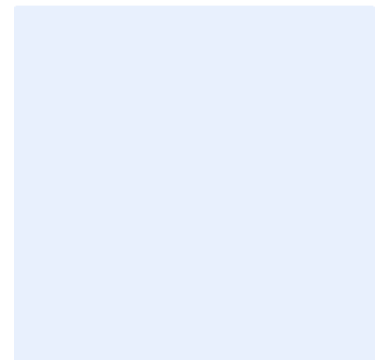
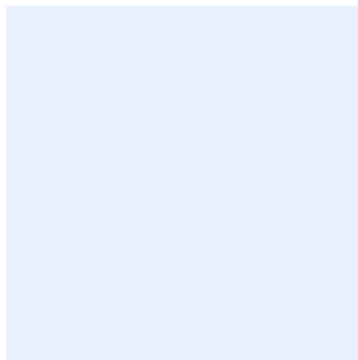
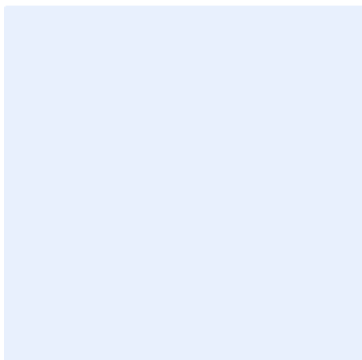
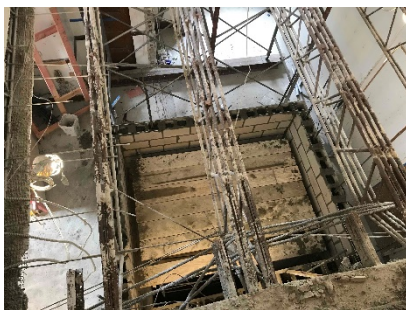
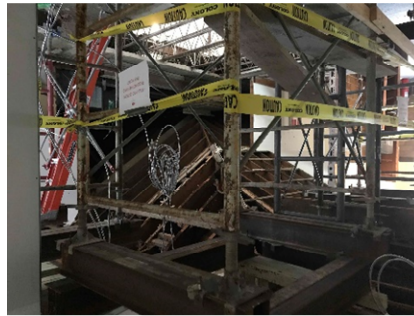
OVERVIEW

- 1 Remaining mechanical room abatement complete by 6/4
- 2 Basement foundations and Slab work is complete
- 3 Construction of CMU Elevator shaft underway at end of May, continuing through June
- 4 Primary building power for elevator tracking for end of June (Eversource)
- 5 Elevator installation on track to begin 6/23

SUMMARY

- 1 Installation of wheelchair lift scheduled for end of June
- 2 Fuel oil tanks installed in mechanical room mid May in accordance with project schedule
- 3 Completion of overhead MEP Rough in scheduled for mid June
- 4 Eversource to install transformer and run primary feed across Irving St. early-Mid June
- 5 Roof Abatement scheduled to begin early June prior to cutting elevator opening
- 6 Project buyout 100%

PROGRESS PHOTOS



Project: **Arlington High School**

Location: **Arlington , MA**

Date: **5/20/2020**

Proposal: **Demolition and Abatement Phase 2 to 4**

Gross Area (SF): **408,000**



CSI	DESCRIPTION	GMP Value 05/21/2020	Budget 05/01/20	Variance	Subcontractor	GMP Cost / SF
02.01	SELECTIVE DEMOLITION & Abatement	6,943,575	6,960,559	(16,984)	Costello	\$17.02
Sub Total of Trades		6,943,575	6,960,559	(16,984)		\$17.02
	Design Contingency	-		-		\$0.00
1.40%	SDI (Subcontractor Bonds)	-	-	-		\$0.00
	Sub Total	6,943,575	6,960,559	(16,984)		\$17.02
3.00%	Construction Contingency	208,307	208,817	(510)		\$0.51
LS	General Requirements			-		\$0.00
LS	General Conditions	-		-		\$0.00
	Sub Total	7,151,882	7,169,376	(17,494)		\$17.53
1.40%	General Liability Insurance	-	-	-		\$0.00
0.00%	Permit	-	-	-		\$0.00
0.75%	Payment & Performance Bond	-	-	-		\$0.00
	Sub Total	7,151,882	7,169,376	(17,494)		\$17.53
3.00%	Fee	-	-	-		\$0.00
TOTAL COST		7,151,882	7,169,376	(17,494)		\$17.53



MEETING NOTES

DATE	05.06.2020
PROJECT NAME	Arlington High School
PROJECT NUMBER	HMFH: 408417; PLS: 2018-008-AHS
SUBJECT	User Group Meeting: Makerspace Woodshop
ATTENDEES	Nathan Muehleisen (Woodshop), Bill McCarthy (Assist. Principal), Lori Cowles (HMFH), Peter Constable, Pauravi Teabo (PLS)
PREPARED BY	PLS and HMFH

ITEM	AREA/SUBJECT	NOTES	ACTION
001	Overview	<ul style="list-style-type: none"> The makerspace square footage of the space increased from previous 2000 to 3500 sq ft and CADD room increased from previous 1200 to 1700 sq ft. Noted that tech equipment such as 3D printer, CNC machine etc. will need their own room for proper ventilation as well as to provide noise reduction. This may require carving space out of makerspace and CADD rooms. Nate liked the overall layout of the space with large shop tools toward the exterior and work benches on the interior. 	
002	Lumber Stg.	<ul style="list-style-type: none"> Lumber storage needs to be 3' to 4' deep on standards. The type/options of storage to be reviewed. Will need space for construction grade plywood. Nate would like to build a shed outside for scrap wood. Indoor storage of plywood sheets to be reviewed. 	HMFH/PLS
003	Storage	<ul style="list-style-type: none"> Nate suggested space adjacent to CADD would be ideal for storing student works on tall, deep shelves. Consider floor to ceiling shelves in this area. Currently has 4-sections of 30" deep x 8' tall shelves. Also suggested higher shelves on all open walls between windows to maximize storage. May use this for architectural models or bins for small tools. Wall cabinets and counters for small tools. Movable tools storage cabinets near shop equipment. 	HMFH/PLS
004	Dust Collection	<ul style="list-style-type: none"> Dust collection would be dependent of type and quantity of shop equipment. Can be housed near spray booth. 	HMFH/PLS

This Meeting Record is our understanding of the items as they were discussed. Please report any discrepancies to PLS. If no discrepancies are reported in five working days, this Meeting Record will stand as published.



		<ul style="list-style-type: none"> • HVAC consultant to review this once the layout is determined. 	
005	Spray Booth	<ul style="list-style-type: none"> • Uses spray booth for spraying polyurethanes and paints (never lacquer). Art may use it for small projects and to spray fixative. • Spraying needs to be inside walled room with workbench and hood to be vented outside. A shelving unit for projects and accessories. • Will need flammable cabinet about 3' wide x 7' tall can go near spray booth area. (Currently has two but can/will consolidate to one.) • Deep utility sink to be located near/just outside spray booth. 	HMFH/PLS
006	Tools	<ul style="list-style-type: none"> • Need "kill switch"/safety buttons throughout the shop for easy access. • Tools would need to be individually or collectively locked up. • Jointer, Planer may need to be bolted to the floor. • Air compressor drops needed at benches for pneumatic nails etc. 	HMFH
007	Layout and adjustments	<ul style="list-style-type: none"> • Nate to review and modify shop layout to include locations of the existing and new tools. And provide further details as to make and model of existing and new tools. • Nate would like to reuse existing tool storage cabinet. Nate to send picture and dimensions. • HMFH/PLS to send PDF with overall dimension of current layout. • "Flip" location of communicating door and borrowed light between the wood shop and CADD lab to allow for equipment room in CADD lab. • Move teaching wall to near entry. • Locate emergency eyewash, hand sink, and fire extinguisher near entry. • Shift student woodworking tables in front of teaching wall. Six (6) tables w "locker"-type storage underneath for students, plus one additional table for teacher's work/demo space. • Large sink to be near spray booth. • Dust collection may work near spray booth corner. • Wall color to NOT be white, a medium tone (grey) is better to hide the dust. Floor is concrete and the ceiling is exposed to structure. 	AHS/HMFH/PLS

End of Meeting Notes

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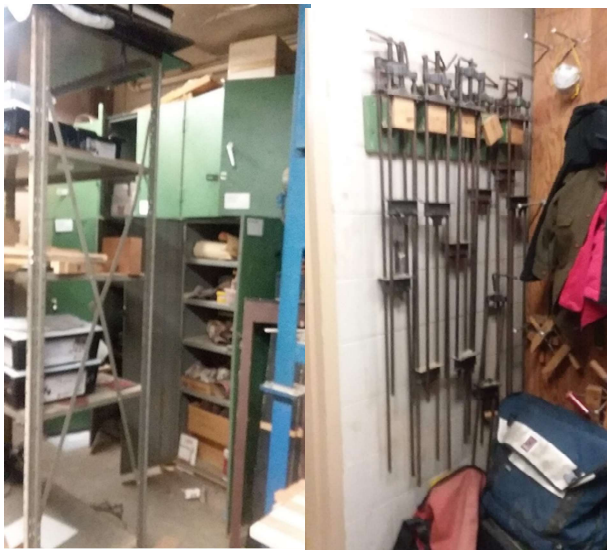
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Maker Space:



Spray Booth



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Engineering:



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Lori Cowles

From: Patric Barbieri <PBarbieri@labbb.net>
Sent: Tuesday, April 7, 2020 1:52 PM
To: Lori Cowles
Cc: Jeff Caritey (jcaritey@labbb.net); Pauravi Teabo; Kathleen Bodie
Subject: Re: Arlington High School

Thank you, Lori!

Patric Barbieri
Executive Director
123 Cambridge Street
Burlington, MA. 01803
t. 339.222.5615 || f. 781-998-4654



We design and deliver special education services that promote academic, social, and career independence in the most inclusive settings possible

On Tue, Apr 7, 2020 at 12:50 PM Lori Cowles <lcowles@hmfh.com> wrote:

Hi Patric:

Thank you for the information. Attached please find the LABBB layout at Arlington HS, along w the casework elevations. Please review and let us know of any questions, thank you –

Lori

From: Patric Barbieri <PBarbieri@labbb.net>
Sent: Thursday, April 2, 2020 11:23 AM
To: Lori Cowles <lcowles@hmfh.com>
Cc: Jeff Caritey (jcaritey@labbb.net) <jcaritey@labbb.net>; Pauravi Teabo <pauravi@point-line-space.com>; Kathleen Bodie <kbodie@arlington.k12.ma.us>
Subject: Re: Arlington High School

Hi Lori,

Sorry for the delay. I looked back to see some of the plans that were going back and forth. I know one of the items we were looking at was the kitchen plans that we did with Lexington and I also attached it here. The other pictures show the LABBB classrooms in Blue. I hope this is helpful.

Sincerely,

Patric

Patric Barbieri

Executive Director

123 Cambridge Street

Burlington, MA. 01803

t. 339.222.5615 || f. 781-998-4654



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promote academic, social, and career independence in
the most inclusive settings possible***

On Thu, Apr 2, 2020 at 9:57 AM Lori Cowles <lcowles@hmfh.com> wrote:

Hi Patric and Jeff:

I am just reaching out again to see if you have a moment to respond to my follow up below, thank you –

Lori

From: Lori Cowles

Sent: Wednesday, March 18, 2020 4:16 PM

To: Patric Barbieri (pbarbieri@labbb.net) <pbarbieri@labbb.net>; Jeff Caritey (jcaritey@labbb.net)

<jcaritey@labbb.net>

Subject: Arlington High School

Hi Patric and Jeff:

I hope this finds you well. Last time we met you had suggested that you would forward us the LABBB layout at Belmont High School, would you be able to do so now? We would like to review and then we will let you know if the review has prompted any questions. Thank you –

Lori

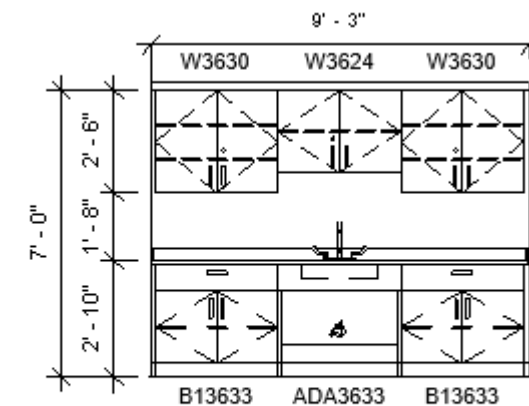
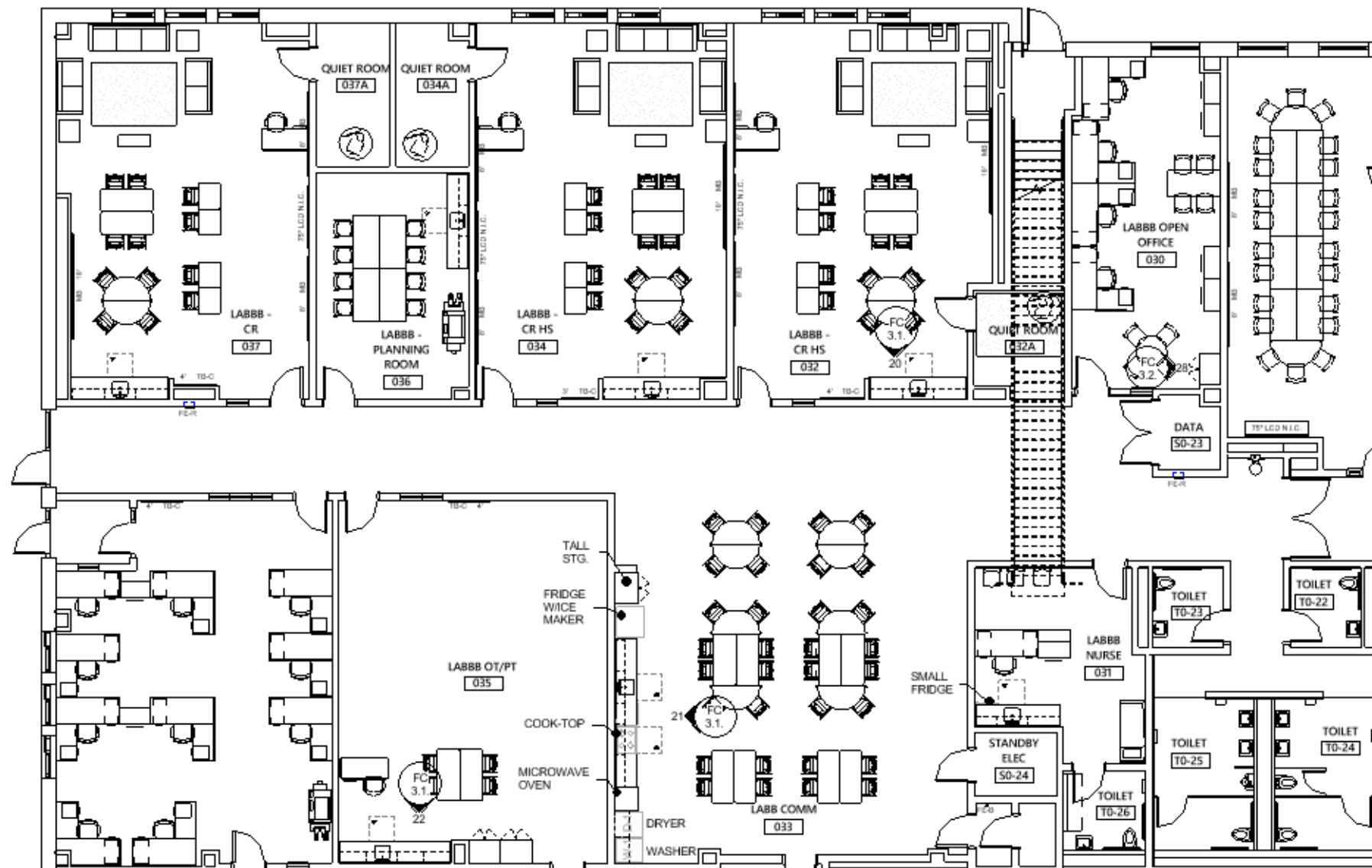
Lori Cowles AIA CFP LEED AP

Principal | 617 844 2141

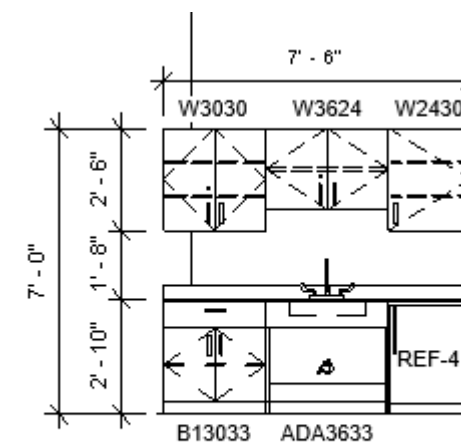
HMFH ARCHITECTS

130 Bishop Allen Drive, Cambridge, MA 02139 | 617.492.2200

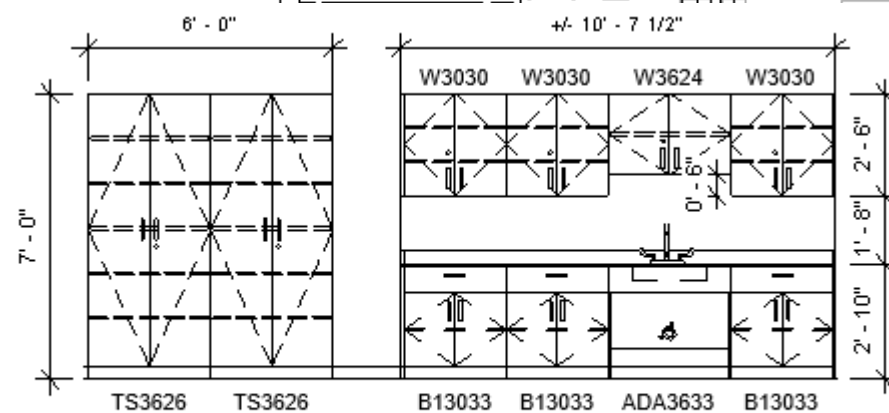
[web](#) | [twitter](#) | [facebook](#) | [linkedin](#)



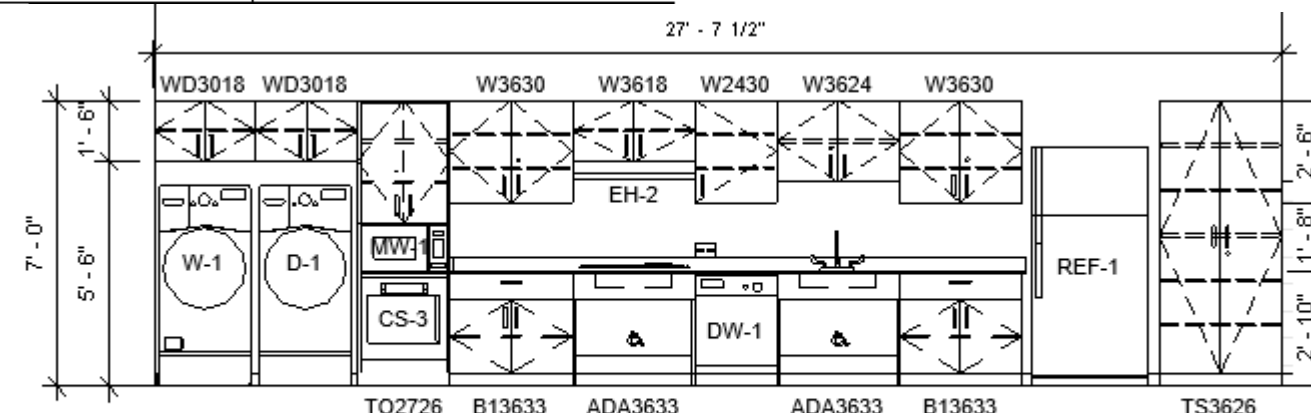
20 RM 032 - LABBB CLR HS
1/4" = 1'-0"



17 RM 031 - LABBB NURSE
1/4" = 1'-0"



22 RM 035 - LABBB OT/PT
1/4" = 1'-0"



21 RM 033 - LABBB COMMUNITY
1/4" = 1'-0"



MEETING MINUTES

Date: 05/8/2020

Re: AHS Food Service

Attendees: Denise Boucher, Food Service Director
Matthew Janger, AHS Principal
Bill McCarthy, AHS Assistant Principal
Robert Ferola, AHS Senior Custodian
Joyce Dvorak, AHS Staff
Patricia Bellahrossi, AHS Staff
Annalise Abdelnour, AHS Staff
Amanda Donohue, AHS Staff
Lori Cowles, HMFH Architects
Peter McGillicuddy, Colburn Guyette

AHS Food Service:

1. Overview:
 - a. Reviewed Layout and Equipment
 - b. Review Temporary Servery
 - c. Health Department Plan Review Application
 - d. Discussed Life Skills Cafe

KITCHEN:

2. New Kitchen Layout was approved. Denise will take 2-3 weeks to review equipment and respond.
3. Points of Service for Cashier Stations: revised radial layout approved; units will be designed to be mobile, but the floor electrical outlet locations will limit the mobility.
5. The larger freezer and dry storage areas were preliminarily approved. Denise was provided with dimensioned plans for review.
6. Condiment carts will be mobile. Denise to provide guidance on quantity and size.

TEMPORARY SERVERY:

8. Temporary Servery at Blue Gym during Phase II. Service Stations will allow for cold and hot food options. A pot sink will be required as well as handsinks. All attempts will be made to reuse existing serving lines and equipment. Modifications will need to be made

because the existing tray slide is set on a low brick wall, modifications will include new tray sides, legs and privacy screens that will need to be purchased.

9. Two layouts were shown for the temporary serving line location: one along the east wall and the other along the north wall of the Blue Gym. CG to provide two additional layouts: one along the south wall but divided in half due to door locations, and a second layout that would be "L" shaped at the south-west corner. AHS will plan to use the two stairwells as separate entry and exit routes for the typical population and will retain the ramp/loading dock doors as the accessibility route.

10. General Comments:

- The school has purchased an air-curtain refrigerated merchandiser. This unit could potentially be used in the new Servedy. Denise to provide details of the unit.
- Denise had stated they wanted a Combi Oven in the kitchen like the one at Thompson School. Denise to provide details of this unit.

HEALTH DEPARTMENT

11. A temporary warming kitchen application will need to be submitted to the Health Department.

12. Health Department Plan Review Application. Colburn Guyette to send to HMFH a color-coded for information from Denise, HMFH and the Plumbing Engineer.

LIFE SKILLS CAFÉ:

13. Life Skills Café. Uses (users) 7:00AM-2:30PM: satellite breakfast and satellite lunch (food service) and snacks/T-shirts, etc. (FACS/Special Education)

14. Equipment list for Café includes:

- Register/POS – by School (requires data)
- Microwave Oven
- Coffee Brewer
- Popcorn Machine
- Full-height Refrigerated Merchandiser
- Countertop Display/Warmer
- Hand Sink
- Utility Sink

15. Equipment to be storable and/or lockable. Hand and Utility sinks to be separated, but in the main area. All food to be pre-packaged therefore sneeze-guards are not required.

16. Display via glass-front refrigerator, glass countertop unit (both noted above), and area of glass front cabinetry at the counter for merchandise (hats, shirts, pencils, etc.)

17. Trash/recycle and condiment counter to be located.

18. Add marker board for signage (Today's Specials are...)

OTHER:

19. AHS would like to have a deposit drop box located near the Mass Ave Admin.

Arlington High School Landscape and Exterior Subcommittee

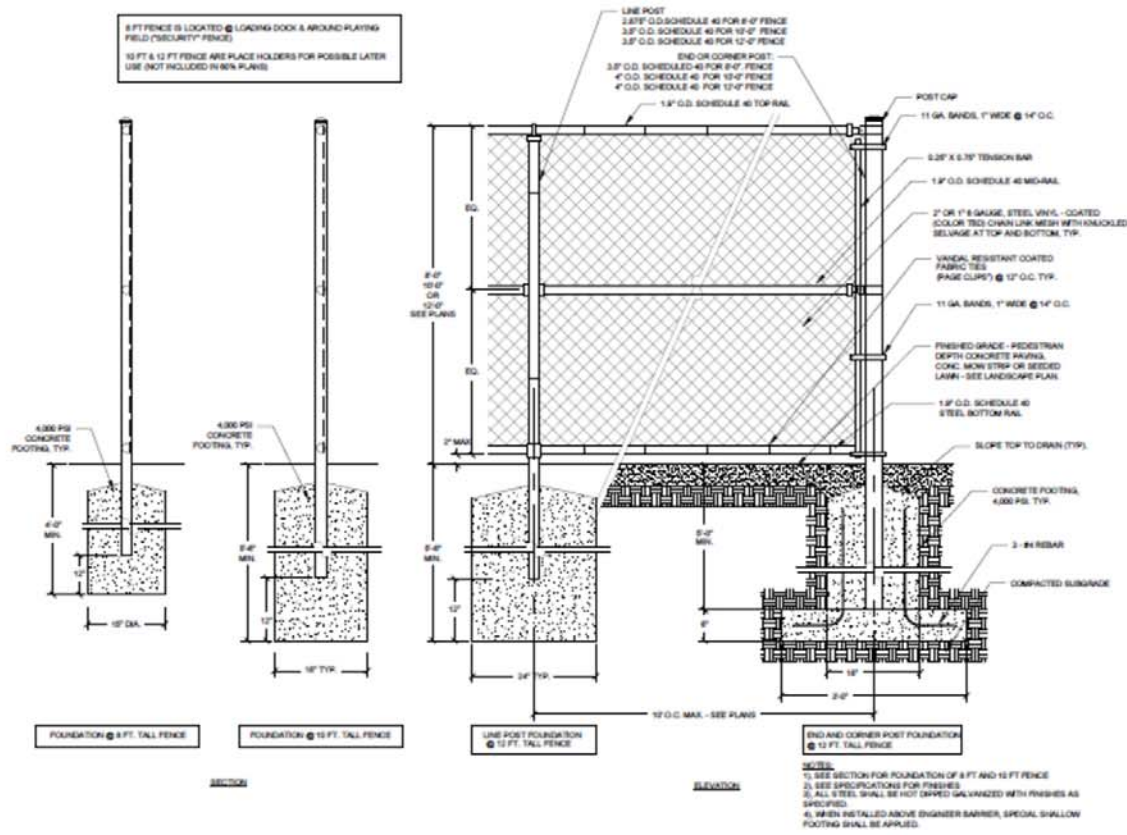
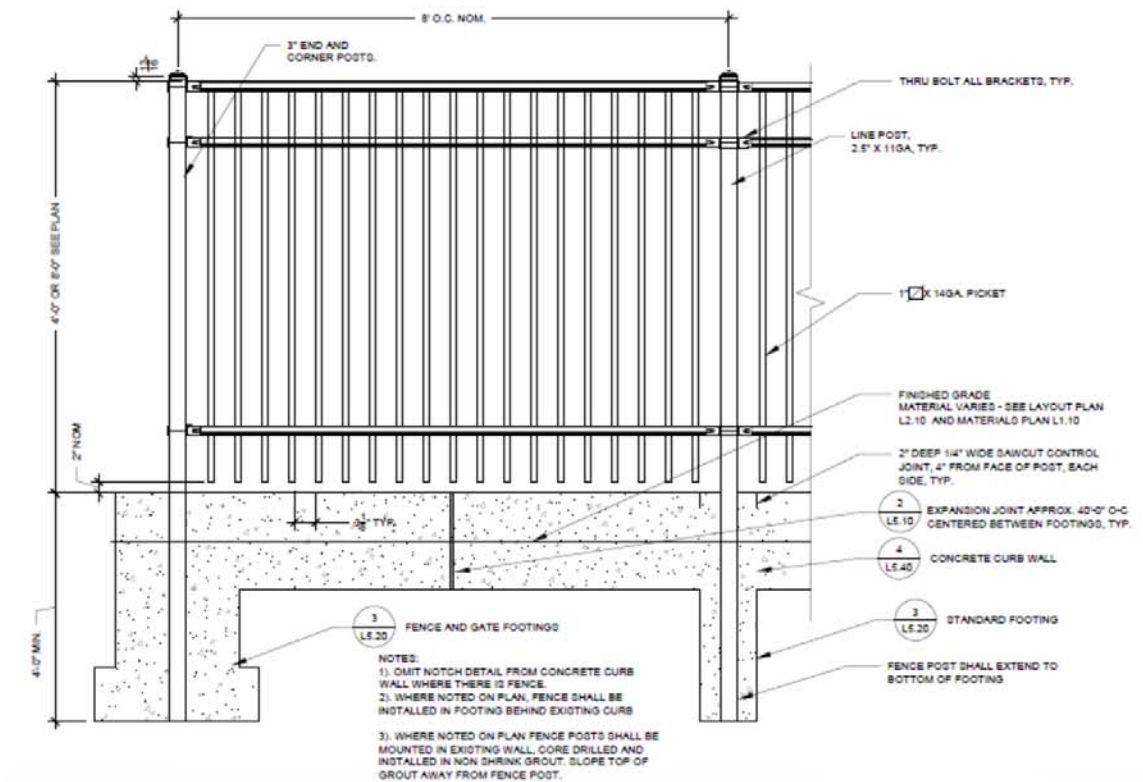
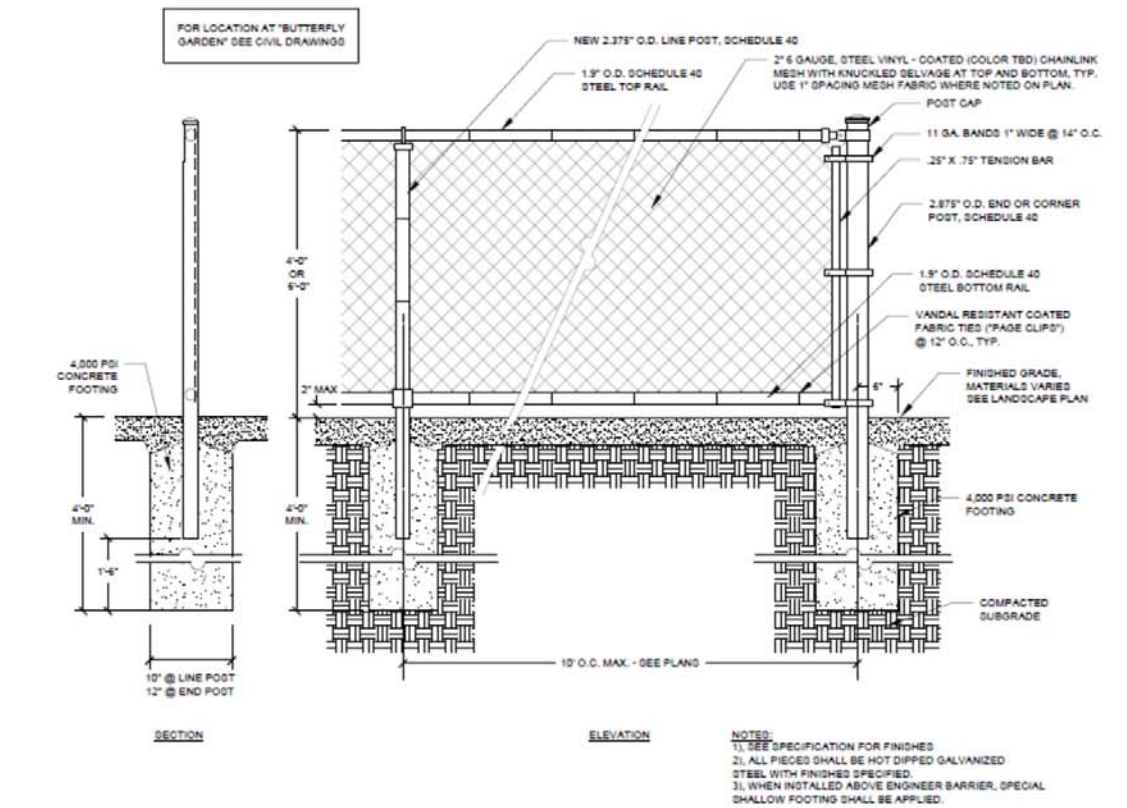
Wednesday, May 27th

Site Design Review Discussion Points

- a. Site Fencing and Gate Designs
- b. Bike Parking + Future Expansion
- c. Planting Plan
- d. Memorials Locations
- e. Bench Layout + Design



Overall Fence Types



1 STEEL PICKET FENCE
1" x 1'-0"

2 CHAIN LINK FENCE TALL
1" x 1'-0"

Overall Fence Diagrams

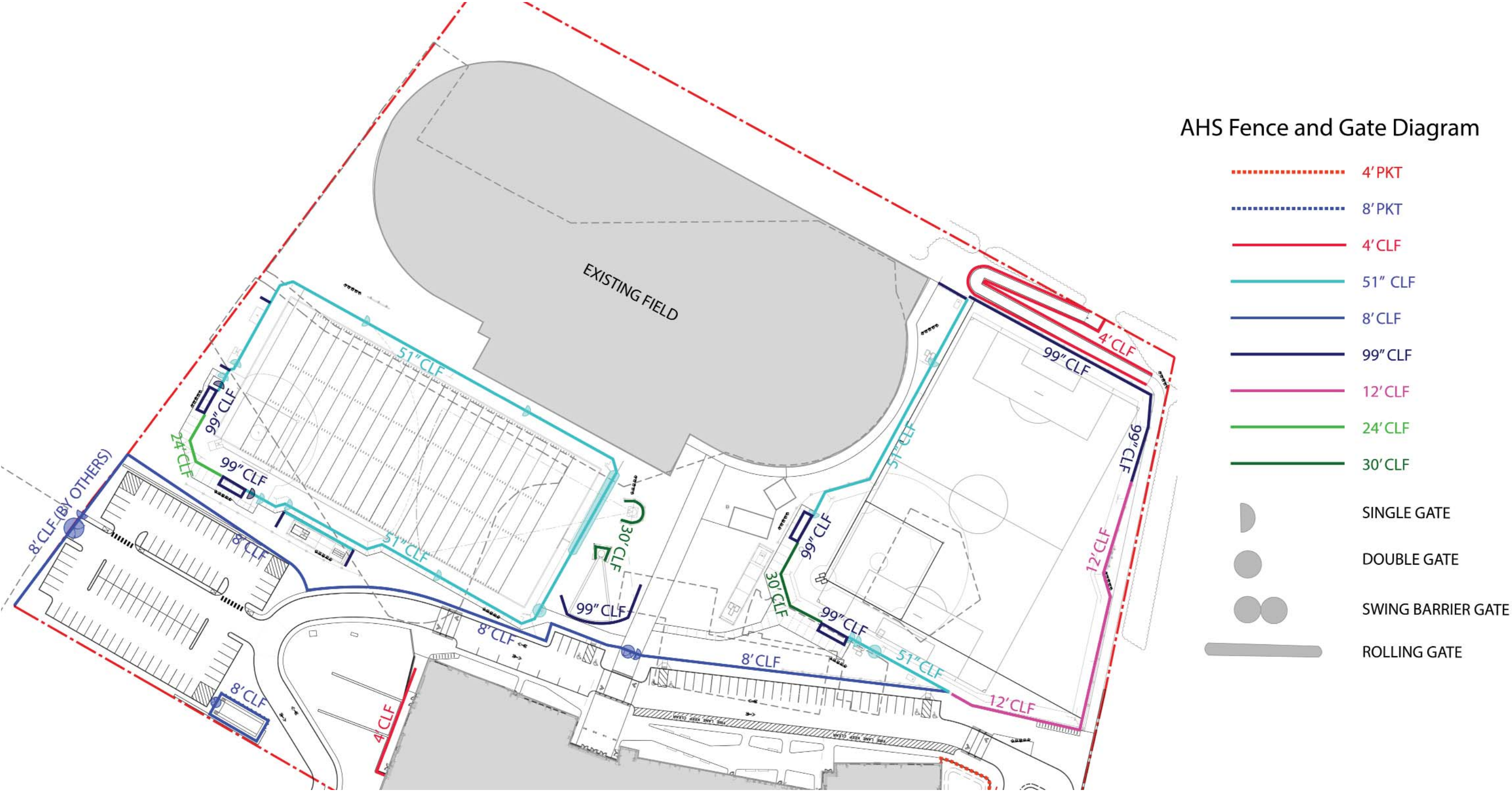


AHS Fence and Gate Diagram

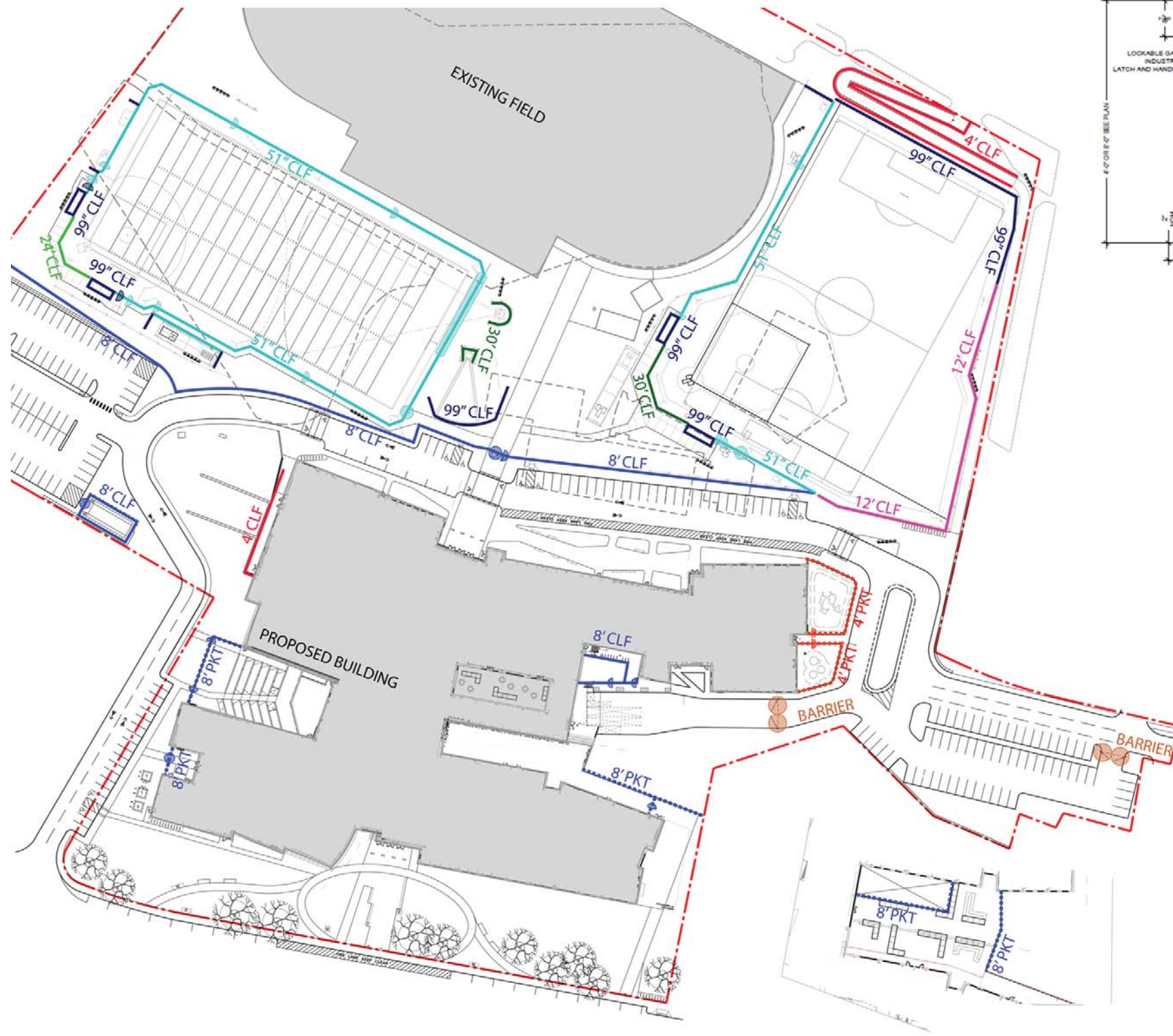
- 4' PKT
- 8' PKT
- 4' CLF
- 51" CLF
- 8' CLF
- 99" CLF
- 12' CLF
- 24' CLF
- 30' CLF
- SINGLE GATE
- DOUBLE GATE
- SWING BARRIER GATE
- ROLLING GATE

Courtyard Area

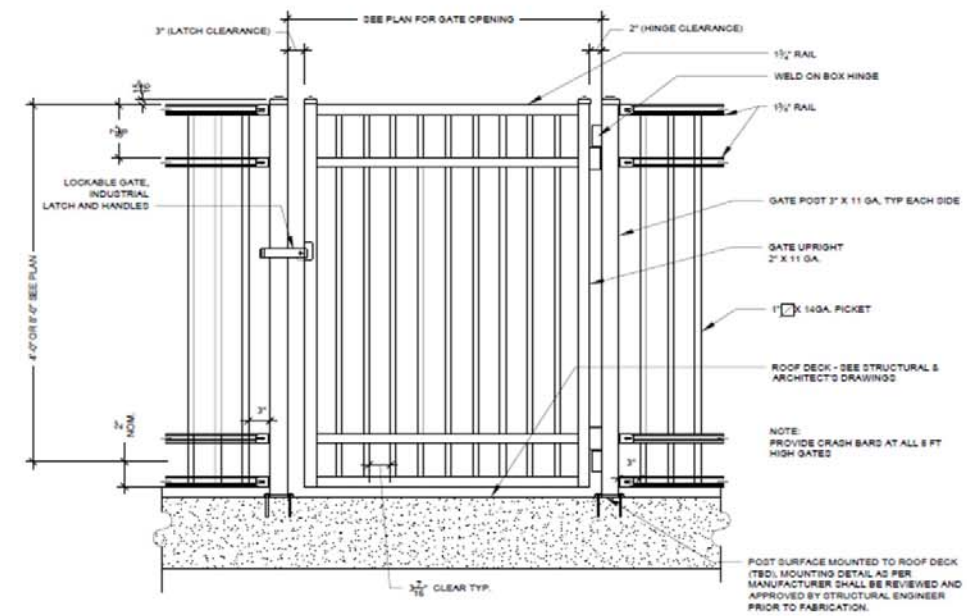
Overall Fence Diagrams



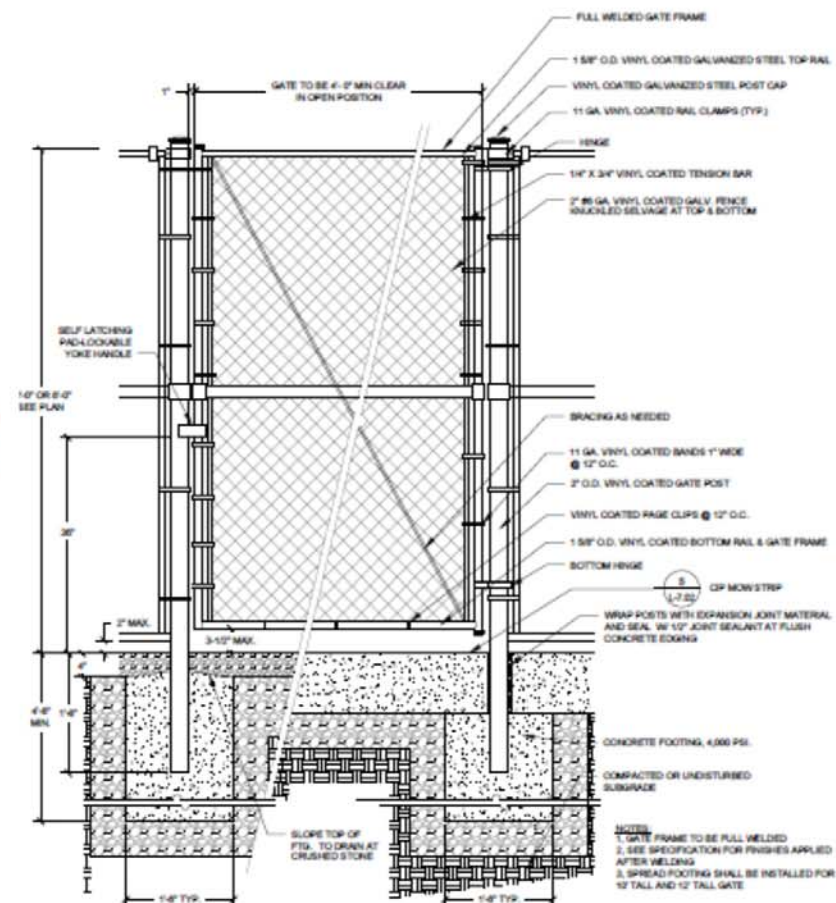
Pedestrian Gate Diagrams



Courtyard Area



Picket Fence

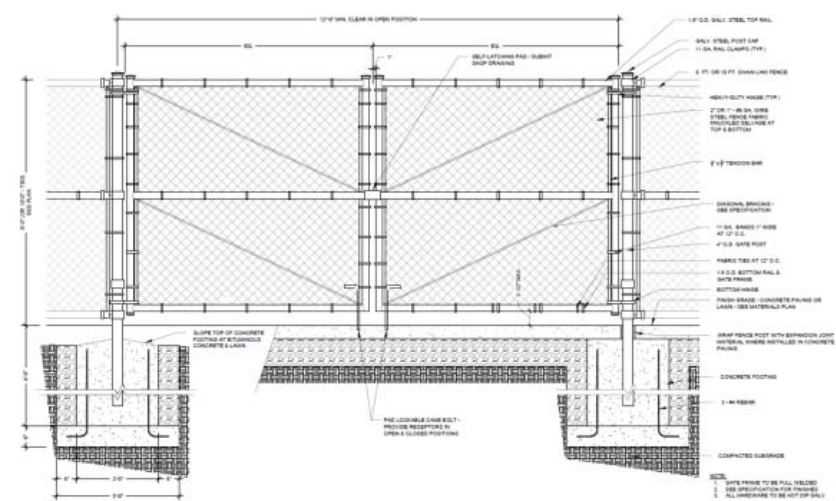
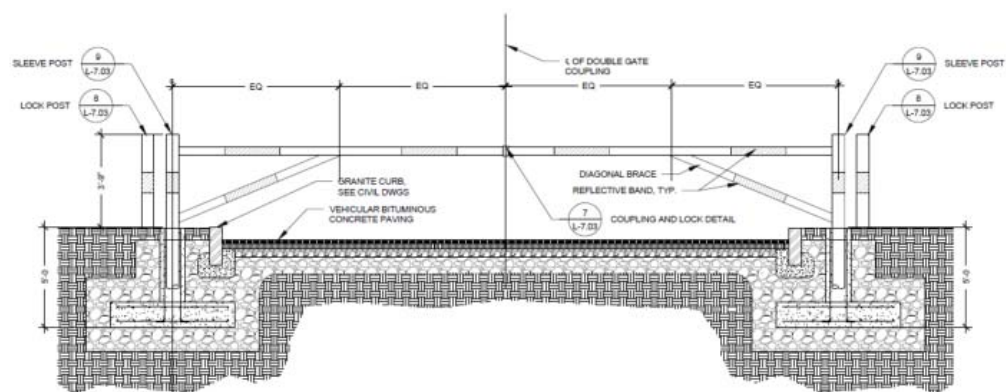


Chain Link

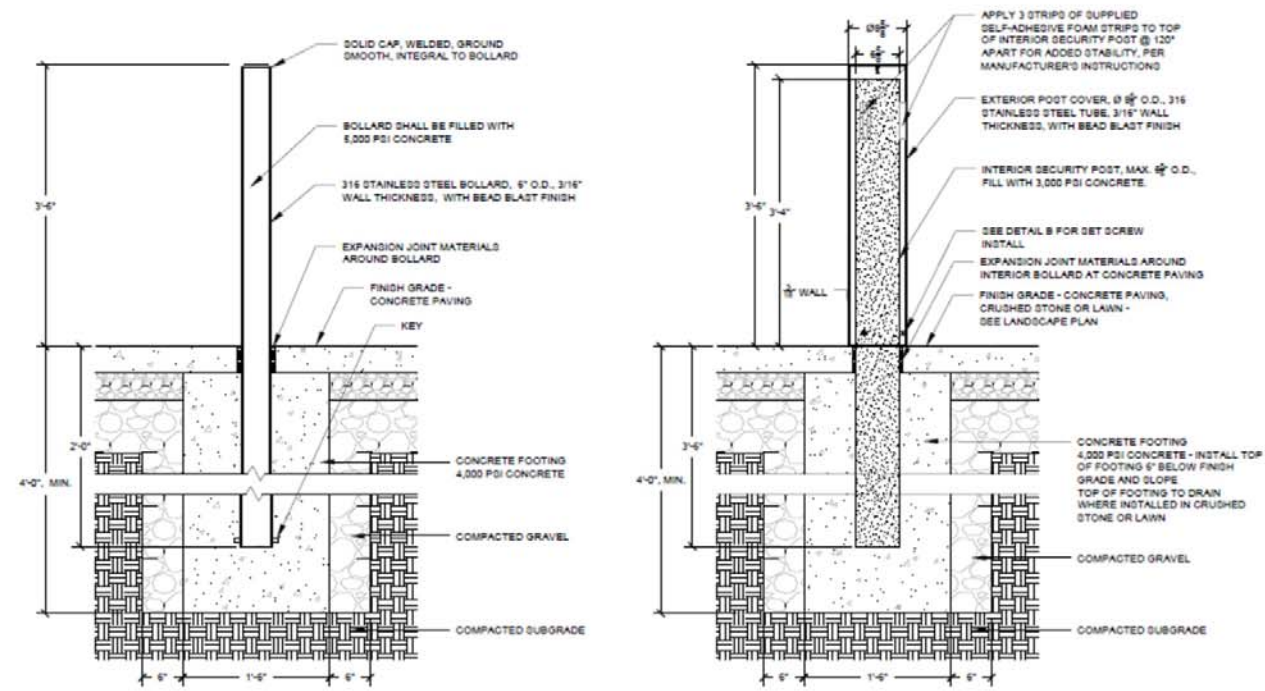


Picket Fence with Hardware

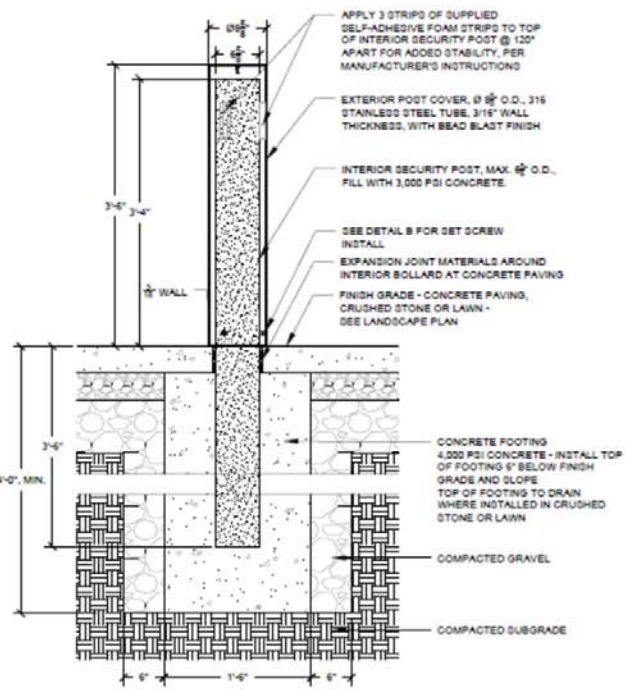
Vehicle Gate Diagrams



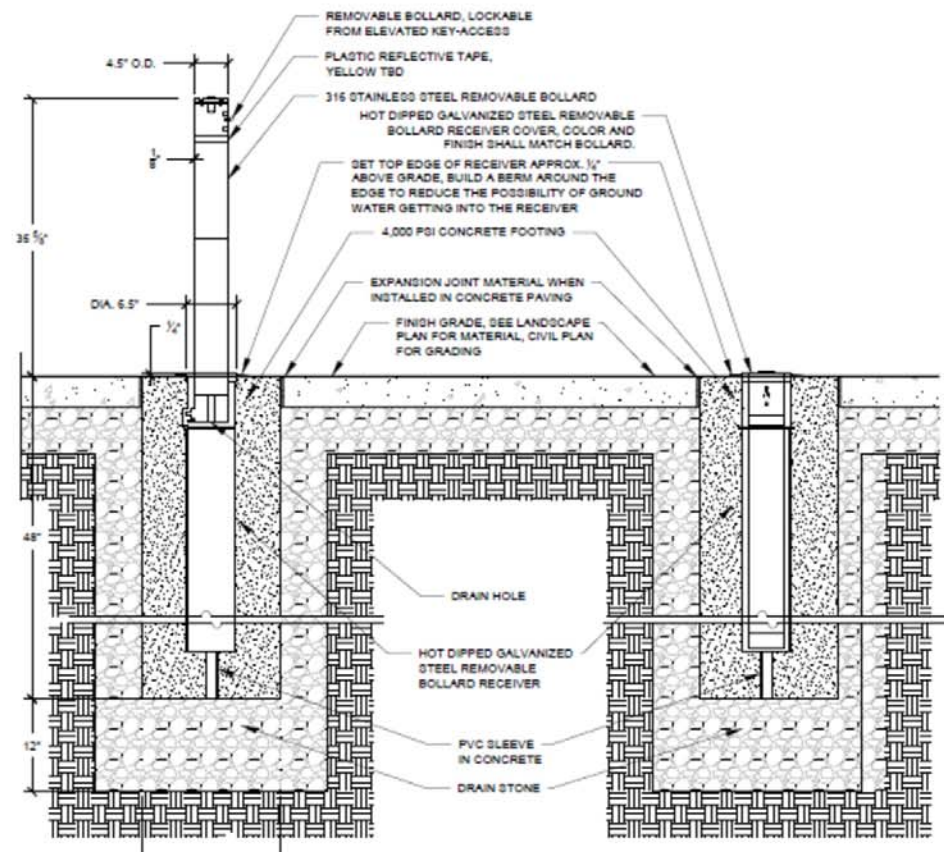
Bollard Diagrams



Standard



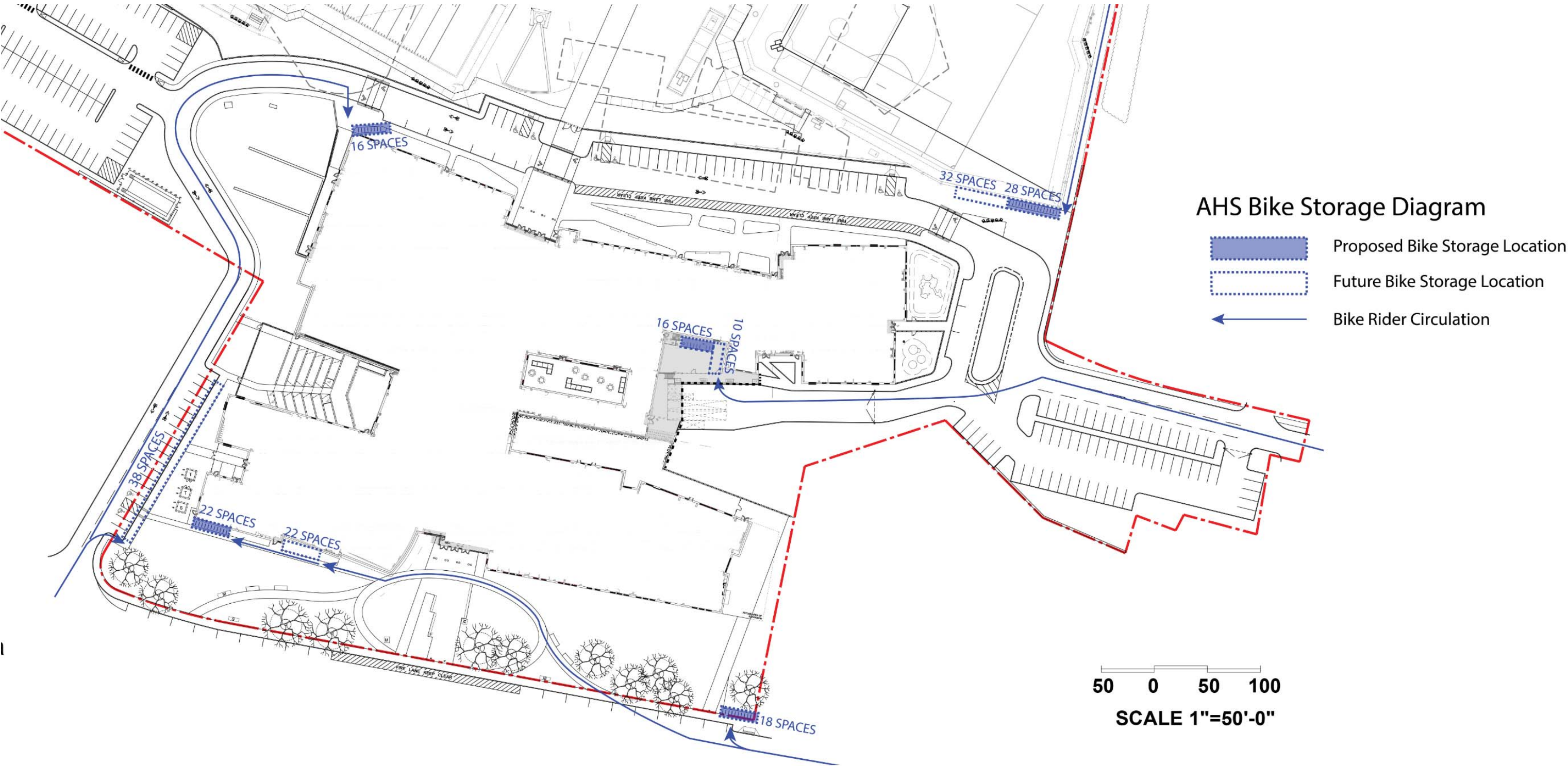
Heavy Duty



Manual Retractable



Bike Storage Diagram



Planting



Planting Diagrams

Speciman Trees



Red Oak



Princeton Elm



Tulip Poplar



Red Maple

Canopy Trees



Honeylocust



Ginkgo



White Pine



Pin Oak



Tupelo

Ornamental Trees



Dogwood



Cardinal Crab Apple



Spring Snow Crab Apple



Sargent Cherry



Winter King Hawthorn

Front Lawn Planting

Planting Diagrams

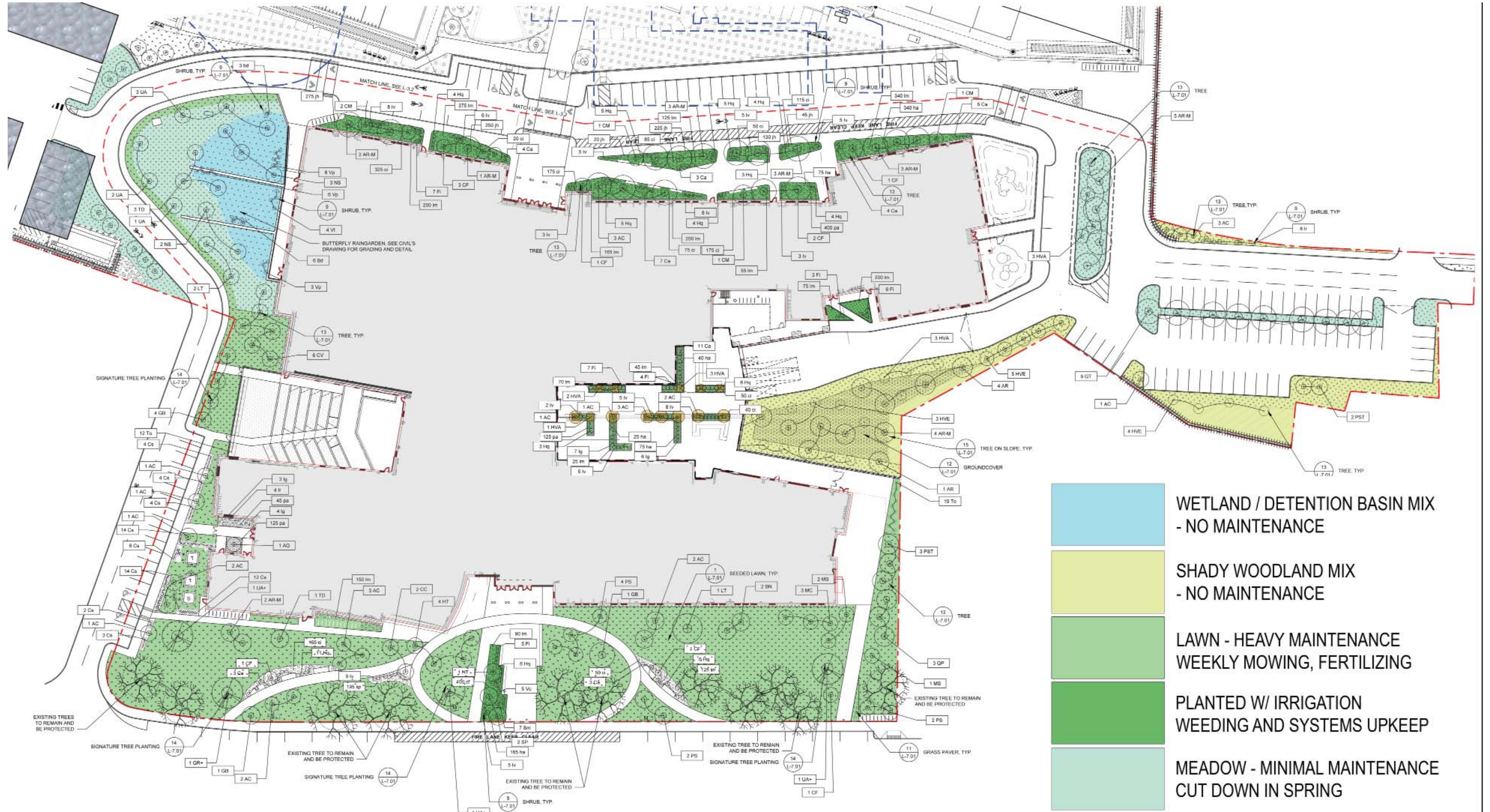
PLANT LIST FOR SHEETS L-3.1 AND L-3.2					
SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
TREES					
AC	Amelanchier canadensis	Shadblow Serviceberry	40	7-8 FT	B&B
AG	Acer griseum	Paperbark Maple	1		B&B
AR	Acer rubrum	Red Maple	6	2-2.5 IN CAL	B&B
AR-M	Acer rubrum	Red Maple	30	8-10 FT HT	B&B MULTISTEM
BN	Betula nigra 'Cully'	Heritage River Birch	2	10-12' HT	B&B MULTISTEM
CC	Cercis canadensis 'Forest Pansy'	Forest Pansy Redbud	2	2-2.5 IN CAL	B&B
CF	Cornus florida	Flowering Dogwood	10	2-2.5" CAL	B&B
CM	Cornus mas 'Golden Glory'	Corneliancherry Dogwood	5	4-5' HT	B&B
CV	Crataegus virens 'winter king'	Green Hawthorn	6	2-2.5 IN CAL	B&B
GB	Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo	6	2-2.5 IN CAL	B&B
GT	Gleditsia triacanthos	Honey Locust	9	2-2.5 IN CAL	B&B
HT	Halesia tetrapetala	Carolina Silverbell	5	2-2.5 IN CAL	B&B
HVA	Hammamelis virginiana	Common Witch hazel	18	5-6 FT HT	B&B
HVE	Hammamelis virginiana	Vernal Witch hazel	12	5-6 FT HT	B&B
LT	Liriodendron tulipifera	Tulip Tree	3	3-3.5 IN CAL	B&B
MC	Malus 'Cardinal'	Cardinal Crabapple	3	2-2.5 IN CAL	B&B
MS	Malus 'Sprig Snow'	Spring Snow Crabapple	3	2-2.5 IN CAL	B&B
NS	Nyssa sylvatica	Black Tupelo	5	2-2.5 IN CAL	B&B
PS	Prunus sargentii	Sargent Cherry	10	2-2.5" CAL	B&B
PST	Pinus strobus	White Pine	5	2-2.5 IN CAL	B&B
QP	Quercus palustris	Pin Oak	3	3-3.5 IN CAL	B&B
QR+	Quercus rubrum	Red Oak	1	8 IN. CAL	B&B
SP	Stewartia pseudocamellia	Japanese Stewartia	2	2-2.5 IN CAL	B&B
TD	Taxodium distichum	Bald Cypress	4	8-10 FT	B&B
UA	Ulmus spp.	Elm	17	3-3.5 IN CAL	B&B
UA+	Ulmus spp.	Elm	3	8 IN. CAL	B&B
SHRUBS					
Bd	Buddleja davidii	Butterfly bush	9	3 GAL	CONTAINER
Ca	Clethra alnifolia 'Ruby Spice'	Ruby Spice Summersweet	53	3 GAL	CONTAINER
Cs	Cornus sericea 'Alleman's'	Compact Red Twig Dogwood	63	5 GAL	CONTAINER
Fi	Fothergilla x intermedia 'Blue Shadow'	Blue Shadow Fothergilla	32	5 GAL	CONTAINER
Hq	Hydrangea quercifolia 'Pee Wee'	Pee Wee Oakleaf Hydrangea	81	3 GAL	CONTAINER
Ig	Ilex glabra 'Densa'	Densa Inkberry	20	5 GAL	CONTAINER
Ir	Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	12	5 GAL	CONTAINER
Iv	Itea virginica 'Little Henry'	Little Henry Sweetspine	91	3 GAL	CONTAINER
Sm	Syringa meyeri 'Palibin'	Dwarf Meyer's Lilac	7	5 GAL	CONTAINER
To	Thuja occidentalis	Arbovitae	25	7-8 FT HT	B&B
Vc	Viburnum carlesii 'Compactum'	Dwarf Korean Spice Viburnum	5	5 GAL	CONTAINER
Vp	Viburnum plicatum tom. 'Mariesii'	Mariesii Double Fire Viburnum	15	3 GAL	CONTAINER
Vt	Viburnum trilobum	American cranberry bush	7	3 GAL	CONTAINER
PERENNIALS					
ci	Carex morrowii 'Ice Dance'	Ice Dance Japanese Sedge	1430	1 GAL	CONTAINER
ha	Hakonechloa macro 'All Gold'	All Gold Forest Grass	720	1 GAL	CONTAINER
jh	Juniperus horizontalis 'Willowii'	Blue Rug Creeping Juniper	1180	1 GAL	CONTAINER
lm	Liripe muscari 'Big Blue'	Big Blue Lily Turf	2390	1 GAL	CONTAINER
pa	Pachysandra	Pachysandra	695	4" POT	CONTAINER



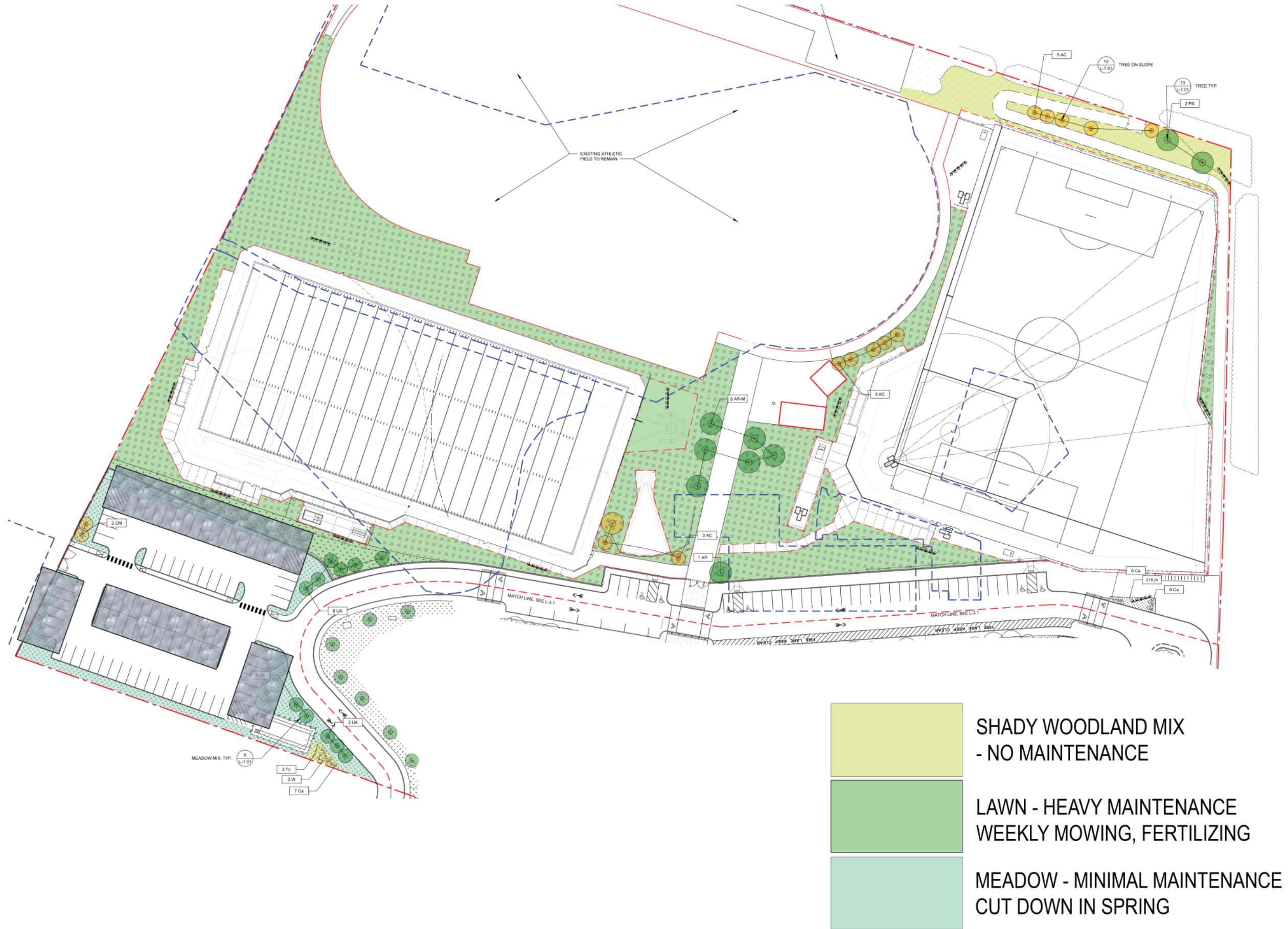
Planting Diagrams



Planting Diagrams



Planting Diagrams



Planting Diagrams



SHADY WOODLAND SEED MIX		
by Prairie Moon Nursery®		
13.28 lbs per acre 138 Seeds per sq ft		
(PHOTOS OF PLANTS IN THIS SEED MIX)		
WILDFLOWERS		
Botanical Name (Common Name)		% by wt.
Actaea rubra (Red Baneberry)		0.94
Agastache nepetoides (Yellow Giant Hyssop)		0.94
Ageratina altissima (White Snakeroot)		0.24
Allium tricoccum (Wild Leek)		3.67
Aquilegia canadensis (Columbine)		0.94
Aralia racemosa (Spikenard)		1.41
Arisaema triphyllum (Jack-in-the-Pulpit)		4.71
Blephilia hirsuta (Hairy Wood Mint)		0.47
Campanula americana (Tall Bellflower)		1.88
Caulophyllum thalictroides (Blue Cohosh)		3.76
Claytonia virginica (Spring Beauty)		0.47
Cryptotaenia canadensis (Honestwort)		0.94
Dasistoma macrophylla (Mullein-foxglove)		0.47
Desmodium glutinosum (Pointed-leaved Tick Trefoil)		1.88
Dicentra cucullaria (Dutchman's Breeches)		0.47
Dodecatheon meadia (Midland Shooting Star)		0.47
Eurybia macrophylla (Big-leaved Aster)		0.47
Eutrochium purpureum (Sweet Joe Pye Weed)		0.47
Geranium maculatum (Wild Geranium)		1.41
Hydrophyllum appendiculatum (Great Waterleaf)		0.94
Impatiens pallida (Yellow Jewelweed)		0.47
Isopyrum bitematum (False Rue Anemone)		0.24
Lobelia inflata (Indian Tobacco)		0.71
Maianthemum racemosum (Solomon's Plume)		3.76
Mertensia virginica (Virginia Bluebells)		0.47
Mitella diphylla (Bishop's Cap)		0.47

Osmorhiza claytonii (Sweet Cicely)	2.82
Penstemon hirsutus (Hairy Beardtongue)	1.41
Phytolacca leptostachya (Lopseed)	0.94
Polemonium reptans (Jacob's Ladder)	2.35
Polygonatum biflorum (Solomon's Seal)	2.35
Prenanthes alba (Lion's Foot)	0.94
Rudbeckia laciniata (Wild Golden Glow)	0.47
Sanguinaria canadensis (Bloodroot)	3.53
Scrophularia marilandica (Late Figwort)	0.94
Smilax lasioneura (Common Carrion Flower)	1.41
Solidago ulmifolia (Eln-leaved Goldenrod)	0.94
Symphotrichum lateriflorum (Calico Aster)	0.47
Symphotrichum shortii (Short's Aster)	0.94
Taenidia integerrima (Yellow Pimpernel)	1.41
Thalictrum dioicum (Early Meadow Rue)	2.82
Triosteum perfoliatum (Late Horse Gentian)	2.35
Uvularia grandiflora (Bellwort)	1.41
Total of WILDFLOWERS:	60.71 %
GRASSES, SEDGES & RUSHES	
Botanical Name (Common Name)	% by wt.
Bromus latiglumis (Ear-leaved Brome)	1.88
Carex grayi (Common Bur Sedge)	0.71
Carex grisea (Wood Gray Sedge)	1.41
Carex sprenkelii (Long-beaked Sedge)	0.94
Cinna arundinacea (Wood Reed Grass)	0.47
Diarrhena obovata (Beak Grass)	5.18
Elymus hystrix (Bottlebrush Grass)	5.65
Elymus riparius (Riverbank Wild Rye)	1.88
Elymus villosus (Silky Wild Rye)	3.76
Elymus virginicus (Virginia Wild Rye)	15.06
Festuca subverticillata (Nodding Fescue)	1.88
Glyceria striata (Fowl Manna Grass)	0.47
Totals of GRASSES, SEDGES & RUSHES:	39.29 %
(PHOTOS OF PLANTS IN THIS SEED MIX)	
Last updated: 1/22/2020	

Woodland Slope Planting

Planting Diagrams



DETENTION BASIN SEED MIX	
by Prairie Moon Nursery®	
9.44 lbs per acre 307 Seeds per sq/ft	
(PHOTOS OF PLANTS IN THIS SEED MIX)	
WILDFLOWERS	
Botanical Name (Common Name)	% by wt.
Alisma subcordatum (Mud Plantain)	1.32
Allium stellatum (Prairie Onion)	0.99
Ammannia coccinea (Scarlet Toothcup)	0.99
Anemone canadensis (Canada Anemone)	0.66
Angelica atropurpurea (Angelica)	3.97
Asclepias incarnata (Rose Milkweed)	2.65
Astragalus canadensis (Canada Milk Vetch)	0.66
Bidens cernua (Nodding Bur Marigold)	0.66
Boltonia asteroides (False Aster)	0.66
Eupatorium perfoliatum (Boneset)	0.50
Eupatorium maculatum (Joe Pye Weed)	0.66
Gentiana andrewsii (Bottle Gentian)	0.36
Gentiana flavida (Cream Gentian)	0.36
Helenium autumnale (Sneezeweed)	0.72
Heliopsis helianthoides (Early Sunflower)	1.32
Hibiscus laevis (Rose Mallow)	3.97
Hypericum pyramidatum (Great St. John's Wort)	0.66
Iris versicolor (Northern Blue Flag)	2.65
Liatris pycnostachya (Prairie Blazing Star)	3.31
Lobelia cardinalis (Cardinal Flower)	0.33
Lobelia siphilitica (Great Blue Lobelia)	1.32
Mimulus ringens (Monkey Flower)	0.33
Oligoneuron rigidum (Stiff Goldenrod)	0.66
Pedicularis lanceolata (Marsh Betony)	0.66
Persicaria punctata (Smartweed)	0.99
Physostegia virginiana (Obedient Plant)	0.72

Pycnanthemum virginianum (Mountain Mint)	0.66
Rudbeckia hirta (Black-eyed Susan)	1.99
Rudbeckia subtomentosa (Sweet Black-eyed Susan)	0.36
Rudbeckia triloba (Brown-eyed Susan)	1.32
Silphium laciniatum (Compass Plant)	0.66
Silphium perfoliatum (Cup Plant)	0.66
Veronicastrum virginicum (Culver's Root)	0.66
Zizia aurea (Golden Alexanders)	1.32
Totals of WILDFLOWERS:	46.37 %
GRASSES, SEDGES & RUSHES	
Botanical Name (Common Name)	% by wt.
Andropogon gerardii (Big Bluestem)	6.62
Bromus ciliatus (Fringed Brome)	5.19
Calamagrostis canadensis (Blue Joint Grass)	0.35
Carex bicknellii (Copper-shouldered Oval Sedge)	1.32
Carex hystericina (Porcupine Sedge)	1.32
Carex stipata (Awl-fruited Sedge)	1.32
Carex vulpinoidea (Brown Fox Sedge)	3.31
Elymus canadensis (Canada Wild Rye)	10.59
Elymus virginicus (Virginia Wild Rye)	10.59
Glyceria grandis (Reed Manna Grass)	1.32
Juncus dudleyi (Dudley's Rush)	0.33
Juncus interior (Inland Rush)	0.29
Panicum virgatum (Switch Grass)	1.32
Scirpus atrovirens (Dark-green Bulrush)	0.72
Scirpus cyperinus (Wool Grass)	0.37
Scirpus validus (Great Bulrush)	0.72
Sorghastrum nutans (Indian Grass)	6.62
Spartina pectinata (Cord Grass)	1.32
Totals of GRASSES, SEDGES & RUSHES:	53.63 %
(PHOTOS OF PLANTS IN THIS SEED MIX)	
Last updated 1/7/20	



Wetland Planting

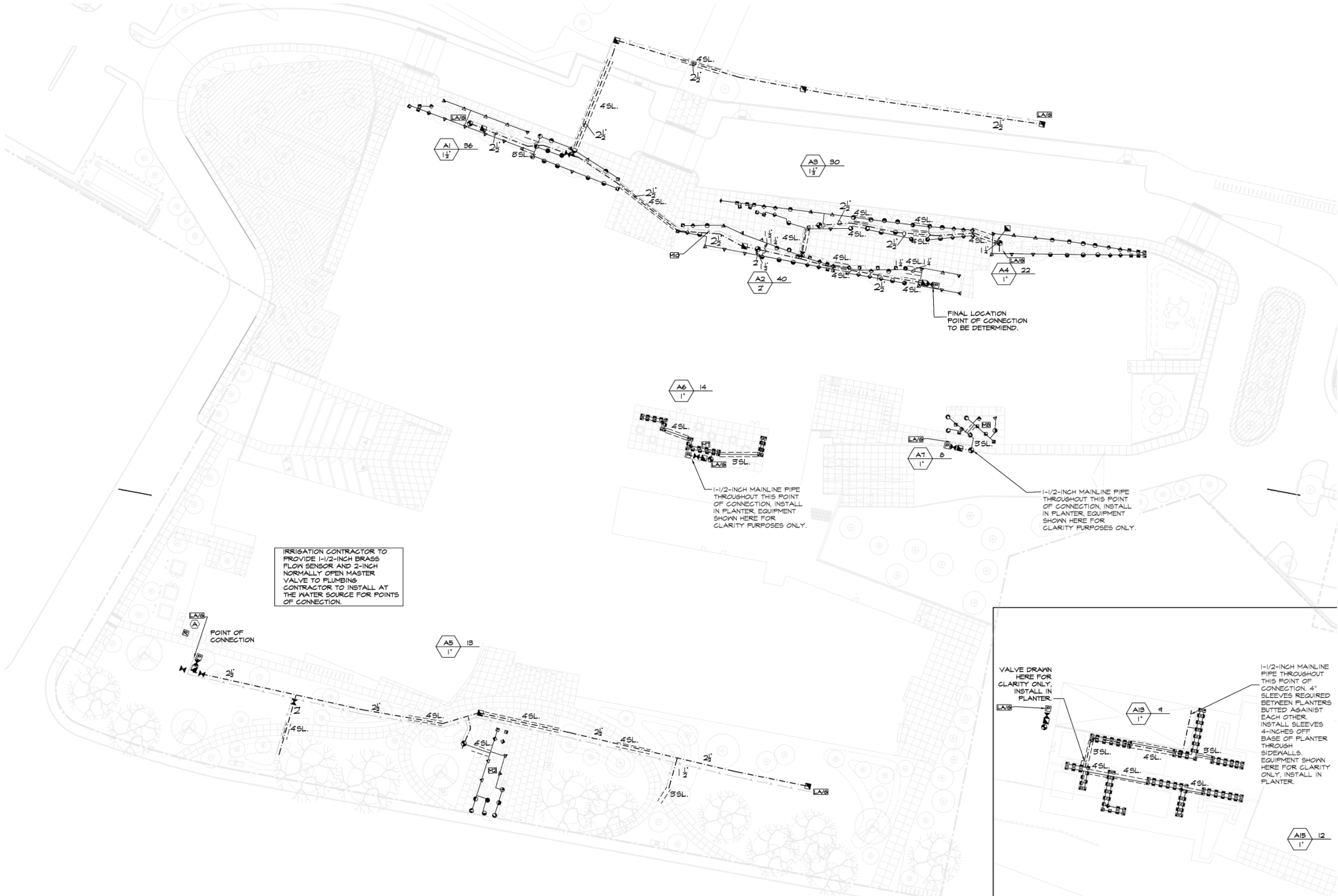
Planting Diagrams



PRETTY DARN QUICK (PDQ)© SEED MIX		
by Prairie Moon Nursery®		
11.16 lbs per acre 190 Seeds per sq/ft		
(PHOTOS OF PLANTS IN THIS SEED MIX)		
WILDFLOWERS		
Botanical Name (Common Name)	% by wt.	
Agastache foeniculum (Anise Hyssop)	0.56	
Allium stellatum (Prairie Onion)	1.12	
Asclepias incarnata (Rose Milkweed)	1.12	
Astragalus canadensis (Canada Milk Vetch)	0.28	
Bidens aristosa (Swamp Marigold)	0.56	
Chamaecrista fasciculata (Partridge Pea)	17.93	
Coreopsis lanceolata (Lance-leaf Coreopsis)	2.80	
Crotalaria sagittalis (Rattlebox)	4.48	
Dalea candida (White Prairie Clover)	1.68	
Drymocallis arguta (Prairie Cinquefoil)	0.56	
Echinacea purpurea (Purple Coneflower)	3.36	
Eryngium yuccifolium (Rattlesnake Master)	1.12	
Gentianella quinquefolia (Stiff Gentian)	0.28	
Helenium autumnale (Sneezeweed)	0.56	
Lobelia siphilitica (Great Blue Lobelia)	1.12	
Monarda fistulosa (Wild Bergamot)	0.56	

Oligoneuron rigidum (Stiff Goldenrod)	0.56
Penstemon digitalis (Foxglove Beardtongue)	1.12
Pycnanthemum virginianum (Mountain Mint)	0.56
Ratibida pinnata (Yellow Coneflower)	0.56
Rudbeckia hirta (Black-eyed Susan)	6.72
Rudbeckia triloba (Brown-eyed Susan)	0.28
Symphotrichum laeve (Smooth Blue Aster)	1.12
Verbena hastata (Blue Vervain)	1.12
Verbena stricta (Hoary Vervain)	0.56
Zizia aurea (Golden Alexanders)	2.24
Total of WILDFLOWERS:	55.74 %
GRASSES, SEDGES & RUSHES	
Botanical Name (Common Name)	% by wt.
Bouteloua curtipendula (Side-oats Grama)	17.93
Carex brevior (Plains Oval Sedge)	2.24
Carex vulpinoidea (Brown Fox Sedge)	1.12
Elymus canadensis (Canada Wild Rye)	8.96
Juncus dudleyi (Dudley's Rush)	0.56
Schyzachyrium scoparium (Little Bluestem)	13.45
Totals of GRASSES, SEDGES & RUSHES:	44.26 %
(PHOTOS OF PLANTS IN THIS SEED MIX)	
Last updated 2/6/2020	

Irrigation Diagram



Irrigation Diagram



Memorial Location Diagram



Leonard Collins
boulder w/
bronze plaque



Bhasker Dhir
engraved granite block



Grace Christine James
bench with plaque mounted
on memorial concrete pad



Peggy M. Graham
boulder with
bronze plaque



Wilfred Rich Tuttle
boulder with
bronze plaque



Michael D. Camerleng
concrete block w/ bronze plaque
& sign on steel post

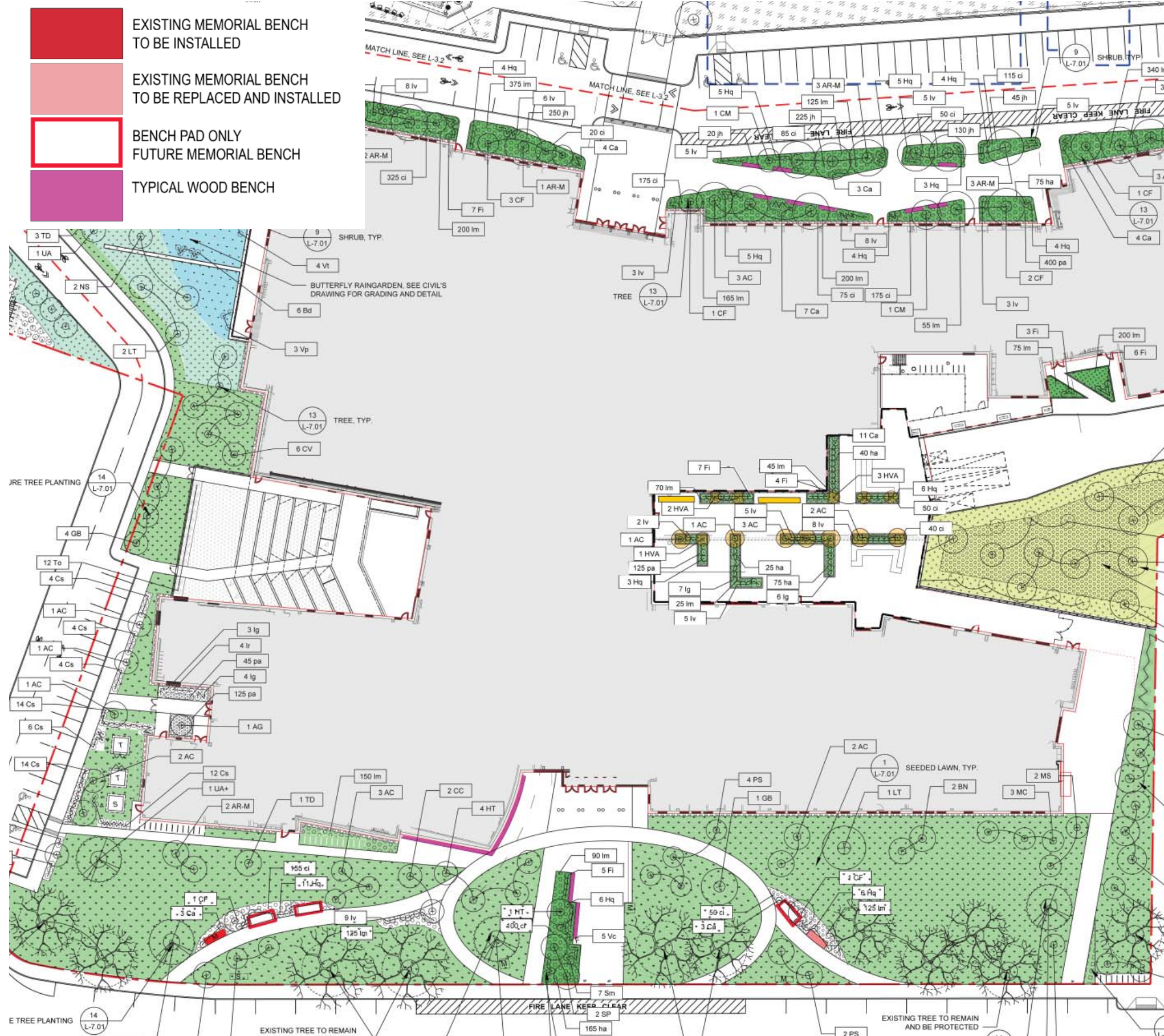


Cameron Gerard O'Connor
surface-mounted
bench with plaque



Sundial
flush pavers

Bench Location Diagram



Linear Bench



Stepped Courtyard Seating



Arlington High School Building Committee Meeting
Tuesday, April 7, 2020
Conducted via Remote Participation
6:00 pm

Present: Jeff Thielman, School Committee Representative, Chair
Kathleen Bodie, Superintendent, Co-vice chair
Adam Chapdelaine, Town Manager, Co-vice chair
Kirsi Allison-Ampe, School Committee Representative
Francis Callahan, Community Member Representative
John Cole, Chair, Permanent Town Building Committee
Tobey Jackson, Community Member Representative
Matthew Janger, AHS Principal
Ryan Katofsky, Community Member Representative
Brett Lambert, PTBC Representative
Kate Loosian, Community Member Representative
Michael Mason APS Chief Financial Officer
William McCarthy, AHS Assistant Principal
Judson Pierce, Community Member (absent)
Sandy Pooler, Deputy Town Manager
Paul Raia, Disabilities Commission Representative (absent)
Brian Rehrig, Capital Planning Committee Member
Amy Speare, Community Member Representative
Shannon Knuth, Teacher Representative
Kent Werst, Teacher Representative

Also present: Jim Burrows, Victoria Clifford, Skanska Inc.
Lori Cowles, Arthur Duffy, Melissa Greene, Holly Miller,
HMFH Architects, Inc.
John LaMarre, Todd McCabe, Consigli Construction

Call to order: 6:00 pm

Chair of the Committee, Jeff Thielman, opened the meeting conducted by remote participation as outlined in Governor Baker's order suspending certain provisions of the open meeting law on March 12, 2020, and explained how votes would be taken during the meeting.

COVID-19 Update – Skanska/Consigli

Jim Burrows reported that the Parmenter is still going forward with protocols, procedures and safety plans. Due to safety standards the site is down to 10-15 workers at a time, currently the biggest impact is with the carpenters union who have been advised not to work.

Comments and questions:

- ◆ Covid-19 affects three contractors, carpentry, drywall and masonry, carpenters are not on strike, but have been instructed by their union not to report to work if they do not feel safe, painters issued the same out of safety concerns
- ◆ Neighbor comments have died down, Consigli distributed an update to the abutters outlining safety procedures in place.
- ◆ Schedule is already tight, any delay is going to be impactful, and things are changing by the day.

- ◆ Is there a potential plan b if Parmenter is not finished in time, no, there is not contingency for the preschool to remain at the high school if not completed.
- ◆ Rumors that construction workers are contemplating going on strike, any insight on how it will impact the project going forward? Jim Burrows responded that any labor issue will impact the project.
- ◆ Kate Loosian questioned if we have options of pausing in operations and construction – it might make sense to pause to gain better control to some of the labor issue.
Jim reported that as far as the design process goes we can still move forward, as this develops we need to look at if the site itself is delayed and what will that look like.
John LaMarre wants to move forward, noting that we need to maintain the schedule, if not it will impact the project timeline. There will be major ramifications if we don't keep pushing.
- ◆ Todd McCabe stated that we are getting ready to procure early bid package #2 at the end of the month. and that we need to push forward and set up for next bid package # 3 structural steel, it has a long lead time and won't show up to the site until October 2020, it would serve no benefit to delay it.

Commented [KT1]:

Commented [KT2R2]:

The project team and leadership team will work together on the impact of possible delays and will have a report for the next building committee meeting.

Skanska Update

Jim reviewed the summary first bid package of budget construction within budget

- ◆ Vote-Early Bid Package #2 – Site work and Temp Fence

On a motion by Brian Rehrig seconded by John Cole AHSBC approves Early Bid Package #2 in the Amount of \$9,070,635 as detailed in the Consigli Summary document dated 3/30/20. The scope of work includes site and temporary fencing.

Unanimous roll call.

- ◆ Vote-EBP #2 – Trade Bid Approval – total of the three is under if it exceeds 9.8 million

- ◆ Process Authorization of Finance Sub-committee to approve trade bids

AHSBC authorizes the Finance Sub-committee to approve the Trade Bids for Fire Protection, Plumbing and Electrical on behalf of the committee provided that they are within the stated budget on the Consigli March 30, 2020 summary document.

Unanimous roll call.

Consigli

- ◆ Parmenter Update –the project is proceeding well and is on schedule.

HMFH Update

- ◆ Mechanical design

Lori – the design team continues to meet with engineers on the two class wings.

Stephanie MacNeal reported that the system that we are electing to go with is an air cool modular heat pump system.

- ◆ Review of Potential “add back in” items

Lori Cowles - narratives to engineers and gave that information to the estimators, Geothermals had a certain price tag that we would no longer be spending but we are not certain of cost savings until we have a cost estimate on 60%. The committee will discuss possible add back items once cost savings are known.

- ◆ Design progress

Lori Cowles reviewed some highlights of the building and met with the following:

- ◆ Athletic trainer made revisions to optimize space layout.
- ◆ FACS classrooms – two mirrored classrooms
- ◆ Director of nursing worked through the nursing suite
- ◆ Exteriors – showed the images that were decided on at the front entrance, brick patterning on the building reviewed along with the humanities wing on corner pop-outs on the southwest corner, northeast corner, and preschool and district admin wing.

Subcommittee Reports

- ◆ Communications –met on March 6th working with Doug Heim on geothermal communications. Will be sending an update on the work that begins in two weeks on the front green. Consigli will supply the documents.
- ◆ Finance – met on and voted early bid package.
- ◆ Interiors no update
- ◆ Landscape & Exteriors none
- ◆ SMEPPF none
- ◆ Security - Lori will be looping back to the subcommittee to conduct focused conversations with administration and facilities on hardware and security, i.e. cameras etc.
- ◆ Temporary Use/Phasing – working on early bid packages – preschool – LABBB, The Pit will be used for physical education and lunch, reviewed happenings in phases two and three.

Meeting Schedule

- ◆ Potential Dates: April 21, 22, 23, 2020

60% construction design document estimates are due next week, the project team will reconcile and have an update to the committee on April 17th.

Approval of Minutes

On a motion by Bill McCarthy seconded by Amy Speare it was

Voted to approve the meeting minutes of February 24, March 3 and 24 2020.

Unanimous Roll Call.

New Business

None

On a motion by Brett Lambert seconded by Brian Rehrig it was unanimously:

Voted to adjourn @ 8:00 p.m.

Submitted by:

Karen Tassone

Recording Secretary

AHS Building Committee

ktassone@arlington.k12.ma.us

Arlington High School Building Committee Meeting
Tuesday, April 21, 2020
Conducted via Remote Participation
6:00 pm

Present: Jeff Thielman, School Committee Representative, Chair (@6:09)
Kathleen Bodie, Superintendent, Co-vice chair
Adam Chapdelaine, Town Manager, Co-vice chair
Kirsi Allison-Ampe, School Committee Representative
Francis Callahan, Community Member Representative
John Cole, Chair, Permanent Town Building Committee
Tobey Jackson, Community Member Representative
Matthew Janger, AHS Principal
Ryan Katofsky, Community Member Representative
Brett Lambert, PTBC Representative (absent)
Kate Loosian, Community Member Representative
Michael Mason APS Chief Financial Officer (@6:30)
William McCarthy, AHS Assistant Principal
Judson Pierce, Community Member
Sandy Pooler, Deputy Town Manager
Paul Raia, Disabilities Commission Representative (absent)
Brian Rehrig, Capital Planning Committee Member
Amy Speare, Community Member Representative
Shannon Knuth, Teacher Representative
Kent Werst, Teacher Representative

Also present: Jim Burrows, Victoria Clifford, Skanska Inc.
Lori Cowles, Arthur Duffy, Melissa Greene, Holly Miller,
Stephanie MacNeal, HMFH Architects, Inc.
John LaMarre, Todd McCabe, Consigli Construction

Call to order: 6:00 pm

Co-vice Chair of the Committee, Kathleen Bodie, opened the meeting conducted by remote participation as outlined in Governor Baker's order suspending certain provisions of the open meeting law on March 12, 2020.

Cost Estimate Review

The project team reviewed the cost estimate comparison spreadsheet.

Project Scope & Budget	\$235,286,827.
Consigli Reconciled 60% CD Estimate	\$224,179,441
PM&C 60% Estimate	\$233,990,264
Consigli/PM&C Estimate Delta	\$189,177 (less than 1%)
Amount below PS&B	(\$1,107,386)

Supt. Bodie along with the rest of the committee congratulated the team for keeping the project under budget.

Value Engineering Discussion

The committee discussed which options to pursue given the savings realized from the 60% construction documents submissions. Suggestions include:

- ◆ Create items to be added to the alternate list in the event there is money at the end of the project
- ◆ Add money into the design contingency due to the uncertainty about how things will be costed going forward.
- ◆ Review the alternate list and refrain from adding to scope and budget.
- ◆ Automation consultant – how would we go about procuring it.

The committee agreed to put the money into contingency, review the alternative list and add items if warranted.

On a motion by Ryan Katofsky seconded Adam Chapdelaine it was
Voted to authorize that \$1,107,386 .00 be placed into the design and pricing contingency.
Roll Call: Unanimous

On a motion by Kirsii Allison-Ampe seconded by Kate Loosian:
Voted to add additional items to the Official Alternate List. These are the items that were all included in the Add-Back-In Draft list presented to the AHSBC on April 7, 2020
Unanimous roll call.

On a motion by Ryan Katofsky seconded by Adam Chapdelaine it was
Voted to authorize the finance subcommittee to solicit and evaluate bids for automation consultants. Unanimous roll call

Project Schedule Updates/Discussions

Jim Burrows reported that the project team has been meeting to discuss the first impacts to geothermal and how it affects the design. Consigli is analyzing their phase 1 schedule and how Covid 19 affects productivity. The team will have an update with different paths and scenarios at the May 12 meeting. Other updates:

- ◆ The Parmenter School is going well, is on schedule, and continue to work on any issues that come up.
- ◆ Elevator confirmed for June 23rd on site, so is on schedule as planned.
- ◆ Carpenters and painters can go back to work but must a plan that is acceptable to the unions
- ◆ AHS fence will go up around the front lawn April 23 & 24.

Subcommittee Report

- ◆ Communications – will meet on Friday, April 24th
- ◆ Finance – none
- ◆ Interiors - none

- ◆ Landscape & Exteriors -none
- ◆ Memorials – meeting in the week veterans affair about the three memorials, and will walk the grounds for the time capsules
- ◆ SMEPFP - none
- ◆ Security -none
- ◆ Temp Use-Phasing none

Meeting Schedule

No meeting On April 22nd or 23rd.

No meeting on April 28 and May 5th

Next meeting is scheduled for on May 12th at 6:00 pm

New Business

This is the 50th Anniversary Earth Day

On a motion by Adam Chapdelaine seconded by Amy Speare it was:

Voted to adjourn at 7:45 pm

Roll Call: Unanimous

Submitted by:

Karen Tassone

Recording Secretary

AHS Building Committee

Ktassone@arlington.k12.ma.us

Arlington High School Building Committee Meeting
Tuesday, May 12, 2020
Conducted via Remote Participation
6:00 pm

Present: Jeff Thielman, School Committee Representative, Chair
Kathleen Bodie, Superintendent, Co-vice chair
Adam Chapdelaine, Town Manager, Co-vice chair
Kirsi Allison-Ampe, School Committee Representative
Francis Callahan, Community Member Representative
John Cole, Chair, Permanent Town Building Committee
Tobey Jackson, Community Member Representative
Matthew Janger, AHS Principal
Ryan Katofsky, Community Member Representative
Brett Lambert, PTBC Representative
Kate Loosian, Community Member Representative
Michael Mason APS Chief Financial Officer
William McCarthy, AHS Assistant Principal
Judson Pierce, Community Member
Sandy Pooler, Deputy Town Manager
Paul Raia, Disabilities Commission Representative (absent)
Brian Rehrig, Capital Planning Committee Member
Amy Speare, Community Member Representative
Shannon Knuth, Teacher Representative
Kent Werst, Teacher Representative

Also present: Jim Burrows, Victoria Clifford, Dale Caldwell, Sy Nguyen, Skanska Inc.
Lori Cowles, Arthur Duffy, Melissa Greene,
Stephanie MacNeal, HMFH Architects, Inc.
John LaMarre, Todd McCabe, Consigli Construction

Call to order: 6:00 pm

Chair of the Committee, Jeff Thielman Bodie, opened the meeting conducted by remote participation as outlined in Governor Baker's order suspending certain provisions of the open meeting law on March 12, 2020, and explained the procedure on taking votes.

Project Update

Jim Burrows reported that the Parmenter is on schedule, the elevator shaft has begun along with underground electrical. The AHS fence is up and trees have been removed, AHS memorials are being removed this week, the basketball court and west field have been stripped and cleared.

60% Construction Documents Submission Review and Approval

The 60% construction documents have been reviewed by the team and will be submitted to MSBA electronically on Thursday pending any questions or comments from the committee.

John Cole commended the project team for an amazing job putting together massive information in a cohesive fashion.

On a motion by Adam Chapdelaine seconded by John Cole it was Voted to approve the 60% CD submission and to direct the OPM (Skanska) to submit the 60% CD submission to the MSBA on behalf of the Arlington High School Building Committee. Unanimous roll call.

AHS Proprietary Items Approval

Town has identified as propriety for the project – to maintain consistency throughout the district to maintain we want to identify the products in the bid packages
Lori Cowles reviewed the propriety item list from the Arlington Facilities and IT Department on the AHS Proprietary items and the reasoning for each.

1. Fire Alarm Control Panel: NESCO/Notifier
2. Door Hardware Exit Devices: Von Duprin
3. Door Hardware Locksets: BEST Access Systems
4. Door Hardware Door Closures: LCN
5. Security System Network Control Panel: Avigilon/Mercury
6. Security Cameras: Avigilon Access Control
7. Video Intercom System: Avigilon SIP model
8. Classroom Audio Reinforcement: Lightspeed

On a motion by Adam Chapdelaine seconded by John Cole it was:
Voted to approve the Arlington High School Proprietary Items prepared by HMFH Architects dated May 5, 2020.
Roll Call: Unanimous

Early Bid Package # 3 Review

Jim interior enabling fit out work-overall trade bids came in under budget

Reviewed the EBP #3 for 2020 summer work. Bids came in under budget in the amount of \$36,679.00. (Summer work includes moving the Preschool, constructing the main, guidance and nursing offices).

On a motion by Adam Chapdelaine seconded by Kirsi Allison-Ampe it was
Voted to approve the Early Bid Package 3 for a total cost of \$870,650.00
Roll Call: Unanimous

Parmenter Update

Reported that the project is running well, on time and on budget.

- ◆ Demolition/abatement substantially complete
- ◆ Basement foundations and Slab work is underway.
- ◆ Construction of the new elevator shaft scheduled to begin end of May
- ◆ Mechanical, Electrical, Plumbing Rough-In in new swing spaces is underway
- ◆ Site excavation and utilities rough in underway

Summary

- ◆ Project buyout status 99% complete. Only flooring and Specialties remaining
- ◆ New Fuel Oil Tanks are scheduled to arrive on site mid-May
- ◆ Elevator equipment on track for delivery end of June

- ◆ Exterior scaffold erection to roof scheduled to begin week of 5/11
- ◆ Slate Roofing removal at elevator penetration scheduled to begin mid-May
- ◆ Site work mobilization to begin upon receipt of soil testing
- ◆ In Wall Inspections floors 2-4 scheduled for mid-May

AHS Project

- ◆ Site mobilization underway as of beginning of May.
- ◆ Installation of construction fence, erosion control, and tree protection installed
- ◆ Tree removal completed at Mass Ave week of 5/4
- ◆ Site demolition and top soil stripping to begin week of 5/11
- ◆ Underground electrical to begin end of May

Summary

- ◆ Procurement of long lead utility structures underway, have been submitted for design team approval
- ◆ Removal of 1960/1916 memorials underway
- ◆ Installation of temporary parking lot (Lower) at basketball court scheduled for mid-May
- ◆ Exterior scaffold erection to roof scheduled to begin w/o 5/11
- ◆ Site work Pre Op Meeting held with CCC, Site Contractor, and design team on April 30th.

Project Schedule Updates

Jim Burrow stated that there are two separate silos of impact:

#1 mechanical would mean a four week impact on the 90 % construction documents we need to turnover during vacation schedules

#2 the Covid -19 impacts – overall impact on operations is unknown.

The committee discussed the schedule options outlining:

Phases, Construction finish date

School start date and school vacation alignment, and the impact on timing per the chart below.

Supt Bodie and Matt Janger will work on a plan to see what can be done operationally.

Job #: 2153
 Project: Arlington High School
 Location: Arlington, MA
 Date: 5/11/2020
 Proposal: Schedule Options
 Gross Area (SF): 408,000



PHASE		CONSTRUCTION FINISH DATE	SCHOOL START DATE	SCHOOL VACATION ALIGNMENT		NOTES	
As Planned							
	Phase 1	12/23/2021	1/6/2022	Christmas/New Year			
	Phase 2	8/4/2023	9/8/2023	Summer			
	Phase 3	8/26/2024	9/6/2024	Summer			
	Phase 4	5/6/2025					
OPTION 1A Phase 1 February vacation 2022							
	Phase 1	2/11/2022	2/21/2022	February	8 Weeks		Additional G conditions ran
	Phase 2	9/11/2023	9/18/2023	Delayed school start			
	Phase 3	9/10/2024	9/17/2024	Delayed school start			
	Phase 4	5/8/2025					
OPTION 1B Phase 1 April vacation 2022							
	Phase 1	4/15/2022	4/18/2022	April Vacation	15 Weeks		Additional G for winter pro
	Phase 2	11/17/2023	11/17/2023	Thanksgiving			Skanaka & H

	Phase 3	12/20/2024	12/22/2024	Christmas/New Year			
	Phase 4	10/21/2025					
OPTION 2	Phase 1 Accelerate					This may not be possible if COVID-19 enhanced	
	Phase 1	12/23/2021	1/6/2022	Christmas/New Year Vacation		6 days week - Saturday Schedule. 6 mos. (March - Sept. 2021) Veneer, roof, winter conditions, MEP/FP Co collaboration, MEP/FP rough in, drywall.	Trade over ti
	Phase 2	8/4/2023	9/8/2023	Summer			Winter cond
	Phase 3	8/5/2024	9/6/2024	Summer			Full time ME
	Phase 4	4/2/2025					GC's Supervi
	Phase 1 (only) COVID-19 enhanced Impact					20% Inefficiency, Daily start of day verification, 6' separation, longer task	
	Phase 1	5/6/2022	9/7/2022	Summer	5.5 Months	2 month construction delay to start Phase 2 abatement/demo school year ends mid June 2022.	5.5 mos. exte production in
	Phase 2	11/27/2023	11/27/2023	Christmas/New Year			1 % Escalatic
	Phase 3	12/30/2024	2/17/2025	February			Skanska exte
	Phase 4	10/28/2025				Landscaping 6 months overall project delay	HMFH exten
OPTION	Accelerate 2nd shift						
						Insufficient manpower for day shift. 2nd shift manpower shortage	
OPTION	Combine Phase 3 & 4						
						No indoor gym space available during the 2024 academic year.	
OPTION	Redesign accelerate 4 weeks to 2 weeks						
						Design Team unable to complete documents	
OPTION	Earlier bid packages. But not back to school vacations alignments						

Subcommittee Report

- ◆ Communications –sending weekly updates on the Parmenter, will work with Skanska on documenting photo video and time lapse on the project.
- ◆ Finance – working through bid packages
- ◆ Interiors - none
- ◆ Landscape & Exteriors –met on May 7th will have another meeting before June 2nd to discuss landscaping
- ◆ Memorials – reached out to people re memorials on the front lawn – no update on time capsules.
- ◆ SMEPFP Ryan Katofsky reported that they continue to meet with the design team and with Ameresco on the energy analysis. Also continues to work on the building automation consultant.
- ◆ Security none
- ◆ Temp Use-Phasing –preschool packing up.
- ◆ Parking around the bldg. 6 floor staff access and parking

Meeting Schedule

Next meeting is scheduled for on Tuesday, June 2nd 6:00 pm

New Business

None

On a motion by Matt Janger seconded by Kathy Bodie it was:

Voted to adjourn at 7:30 p.m.

Roll Call: Unanimous

Submitted by:

Karen Tassone

Recording Secretary

AHS Building Committee

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